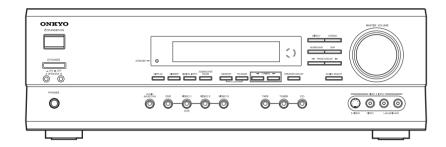
Ref. No. 3772 062003

ONKYO SERVICE MANUAL

AV RECEIVER MODEL TX-SR501/E



Black, Golden and Silver models

BMDD,BMDC	120V AC, 60Hz
BMPP,SMPP,BMPA,GMPA	230-240V AC, 50Hz
BMWT,GMWT,GMWR,GMWQ	120/220-230V AC, 50/60Hz
GMGK	220V AC, 50Hz

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ON THE SCHEMATIC DIAGRAM AND IN THE PARTS LIST ARE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK. REPLACE THESE COMPONENTS WITH ONKYO PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL.

MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT BEFORE RETURNING THE APPLIANCE TO THE CUSTOMER.



Specifications

AMPLIFIER SECTION

Continuous Average Power output (FTC)

All channels:

65 watts per channel min. RMS at 8 Ω , 2 channels driven from 20 Hz to 20 kHz with no more than 0.08% total harmonic distortion.

80 watts per channel min. RMS at 6 Ω , 2 channels driven from 1 kHz with no more than 0.1% total harmonic distortion.

Continuous Power output (DIN) 85 watts \times 2 at 6 Ω Maximum Power output (EIAJ) 115 watts \times 2 at 6 Ω Dynamic power output: 160 watts \times 2 at 3 Ω 125 watts \times 2 at 4 Ω

85 watts \times 2 at 8 Ω 0.08% at rated power 0.08% at 1 watt output 0.08% at rated power

 $0.5 \text{ Vp-p}, 75 \Omega$

 $0.5 \text{ Vp-p}, 75 \Omega$

 $200 \text{ mV}, 47 \text{ k}\Omega$

 $200 \text{ mV}, 47 \text{ k}\Omega$

 $200 \text{ mV}, 470 \Omega$

10 Hz to 100 kHz,

 $\begin{array}{l} 1 \text{ Vp-p, 75 } \Omega \\ 1 \text{ Vp-p, 75 } \Omega \left(Y \right) \end{array}$

1 Vp-p, 75 Ω

 $1 \text{ Vp-p}, 75 \Omega (Y)$

0.28 Vp-p, 75 Ω (C)

1 V, 470 Ω

 $36 \text{ mV}, 47 \text{ k}\Omega$

 $\begin{array}{c} 0.08\% \text{ at 1 watt output} \\ \text{Damping Factor:} & 60 \text{ at 8 } \Omega \end{array}$

Input Sensitivity and Impedance

Total Harmonic Distortion:

IM Distortion:

DIGITAL INPUT (OPTICAL 1, 2): DIGITAL INPUT (COAXIAL): LINE (CD, VIDEO 1, 2, 3, TAPE): Multichannel Input

(DVD FRONT L/C/R, SURR L/R): (SUBWOOFER): Output Level and Impedance

Output Level and Impedance
Rec out (TAPE, VIDEO 1):
Pre out (SUBWOOFER):
Frequency Response:

+1/-3 dB (Direct mode)

Tone Control

Bass: ±12 dB at 50 Hz

Treble: ±12 dB at 20 kHz

Signal-to-Noise Ratio: CD/TAPE: 100 dB

(IHF-A, Direct mode)

Muting: -50 dB

VIDEO SECTION

Input Sensitivity and Impedance VIDEO (DVD, VIDEO 1, 2, 3): S VIDEO (DVD, VIDEO 1, 2, 3):

 $\begin{array}{c} 0.28 \text{ Vp-p, 75 } \Omega \left(C \right) \\ \text{COMPONENT VIDEO 1, 2:} \\ 1 \text{ Vp-p, 75 } \Omega \left(Y \right) \\ 0.7 \text{ Vp-p, 75 } \Omega \left(P_B, P_R \right) \end{array}$

Output Level and Impedance

VIDEO (VIDEO 1, 2, MONITOR): S VIDEO (VIDEO 1, 2, MONITOR):

COMPONENT VIDEO OUT: $1 \text{ Vp-p, } 75 \Omega (\text{Y}) \\ 0.7 \text{ Vp-p, } 75 \Omega (P_{\text{B}}, P_{\text{R}})$

TUNER SECTION

FΜ

Tuning Range

Usable Sensitivity

North American models: 87.50-108.00 MHz (100 kHz steps)
Other models: 87.50-108.00 MHz (50 kHz steps)

Mono: 11.2 dBf, 1.0 μV (75 Ω , IHF)

 $\begin{array}{c} 0.9~\mu V~(75~\Omega,\,DIN)\\ \text{Stereo:} & 17.2~dBf,\,2.0~\mu V~(75~\Omega,\,IHF)\\ 23~\mu V~(75~\Omega~DIN) \end{array}$

50 dB Quieting Sensitivity

Mono: $17.2 \text{ dBf}, 2.0 \mu\text{V} (75 \Omega)$ Stereo: $37.2 \text{ dBf}, 20.0 \mu\text{V} (75 \Omega)$

Capture Ratio: 2.0 dB

Image Rejection Ratio
North American models: 40 dB
Other models: 85 dB

Other models: 85 dB
IF Rejection Ratio: 90 dB
Signal-to-Noise Ratio

Mono: 76 dB
Stereo: 70 dB
Alternate Channel Attenuation: 55 dB
Selectivity: 50 dB (DIN)
AM Suppression Ratio: 50 dB

Total Harmonic Distortion

Mono: 0.2%

Frequency Response: 30 Hz-15 kHz, -1.0 dB Stereo Separation: 45 dB at 1 kHz 30 dB at 100 Hz-10 kHz

AM

Stereo:

Tuning Range
North American models:

European & Australian models:

Worldwide models:

530-1,710 kHz (10 kHz steps)
522-1,611 kHz (9 kHz steps)
522-1,611 kHz (9 kHz steps), or

0.3%

530-1,710 kHz (10 kHz steps)

Usable Sensitivity: $30 \mu V$ Image Rejection Ratio: 40 dBIF Rejection Ratio: 40 dBSignal-to-Noise Ratio: 40 dBTotal Harmonic Distortion: 0.7%

GENERAL.

Power Supply and Power Consumption:

AC 120 V, 60 Hz 4.6 A AC 230-240 V, 50 Hz 370 W AC 220-230 V and 120 V switchable, 50/60 Hz 370 W

Dimensions (W \times H \times D): 17-1/8" \times 5-7/8" \times 14-13/16"

 $435 \times 150 \times 376 \text{ mm}$

Weight

North American models: 19.6 lbs., 8.9 kg European models: 21.6 lbs., 9.8 kg Other models: 21.8 lbs., 9.9 kg

REMOTE CONTROL

Transmitter: Infrared

Signal range: Approx. 16 ft., 5 meters Power supply: Two "AA" batteries $(1.5 \text{ V} \times 2)$

Specifications and features are subject to change without notice. Power supply and voltage vary depending on the area in which the unit is purchased.

SERVICE PROCEDURES

1. Replacing the fuses

This symbol located near the fuses indicates that the fuse used is fast operating type. For continued protection against fire hazard, replace with same type fuse. For fuse rating refer to the marking adjacent to the symbol.

Ce symbole indique que le fusible utlise est a rapide. Pour une protection permanente, n'untiliser que fusibles de meme type. Ce darnier est la qu le present symbol est appse.

CIRCUIT NO.	PART NO.	DESCRIPTION
F6901,F6902	252198 or	8A-UL or
	252261	8A-T/UL-ST2 <d></d>
	252099	8A-EAK ,Fuse <o></o>
F901	252166 or	6.3A-UL/T-237 or
	252260	6.3A-T/UL-ST2,Fuse <d q="" r="" t=""></d>
F902	252076,	3.15A-SE-EAK,
	252242 or	3.15A-SE-TL250V or
	252276	3.15A-SE-TL250V <o></o>
F903	252075,	2.5A-SE-EAK,
	252241 or	2.5A-SE-TL250V or
	252275	2.5A-SE-TL250V,Fuse <o></o>

Note: <D>:120V model only

<O>: Other models except 120V model

<T>: Asian model only for 230V <R>: Chinese model only <Q>: Hongkong model only

2. To initialize the unit

This device employs a microprocessor to perform various functions and operations. If interference generated by an external power supply, radio wave, or other electrical source results in accident which causes the specified operations and functions to operate abnormally.

To perform a result, please follow the procedure below.

- Press and hold down the VIDEO-1 button, then press the STANDBY/ON button.
- 2.After "CLEAR" is displayed, the preset memory and each mode stored in the memory, such as surround, are initialized and will return to the factory setting.
- 3. Unplug the power supply cord.

3. Safety-check out

(U.S.A. model only)

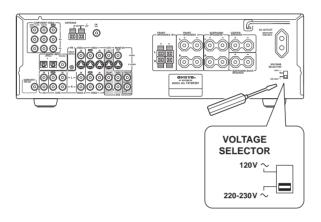
After correcting the original service problem, perform the following safety check before releasing the set to the customer. Leakage Current Check

Measure leakage current to a known earth ground(water pipe, conduit, etc.) by connecting a leakage current tester between the earth ground and exposed metal parts of the appliance (input/output terminals, screwheads,metal overlays, etc.). Plug the power supply cord directly into a 120V AC 60 Hz outlet and turn Standby switch on. Any current meausred must not exceed 0.5mA.

4.Setting the voltage selector (Worldwide models only)

Worldwide models are equipped with a voltage selector to conform with local power supplies. Be sure to set this switch to match the voltage of the power supply in your area before plugging in the unit.

Determine the proper voltage for your area: 220-230 V or 120 V. If the preset voltage is not correct for your area, insert a screwdriver into the groove in the switch. Slide the switch all the way to the upper (120 V) or to the lower (220-230 V), whichever is appropriate.

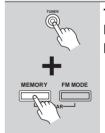


5. Setting the AM tuning step frequency

(Worldwide models only)

If you are using the Worldwide model (i.e., your TX-SR501/TX-SR501E has a VOLTAGE SELECTOR on the rear panel), you need to set the AM tuning interval for compatibility with AM broadcasts in your particular country. The initial setting is 9 kHz.

North America: 10 kHz Other countries: 9 kHz

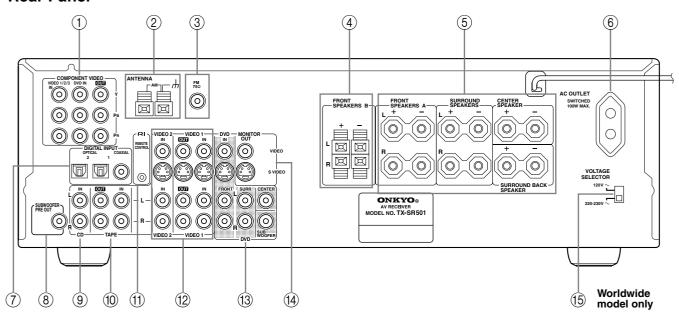


To set the AM tuning interval, while holding down the [TUNER] button, press the [MEMORY] button.

Note:

All presets are deleted when you change this setting.

Rear Panel



(1) COMPONENT VIDEO (10, 12, 14, 16)

These RCA/phono connectors can be used to connect a TV, DVD player, or other AV component with component video inputs and outputs.

2 AM ANTENNA (22, 23)

These push terminals are for connecting an AM antenna.

③ FM ANTENNA (22, 23)

This connector is for connecting an FM antenna.

(4) FRONT SPEAKERS B (21)

These push terminals are for connecting speaker set B.

(5) FRONT SPEAKERS A, SURROUND SPEAKERS, CENTER SPEAKER & SURROUND BACK SPEAKER (21)

These terminal posts are for connecting speaker set A, including the front, surround, center, and surround-back speakers. They accept bare wires or banana plugs (European models don't accept banana plugs).

6 AC OUTLET (11)

This switched AC outlet can be used to supply power to another AV component. The connector type depends on the country in which you purchased your TX-SR501/TX-SR501E.

⑦ DIGITAL INPUT OPTICAL 1, 2 & COAXIAL (10, 13, 14, 16–18)

These optical and coaxial connectors can be used to connect a CD, DVD, or LD (laser disc) player, or other AV component with digital outputs.

(8) SUBWOOFER PRE OUT (21)

This RCA/phono connector can be used to connect an active subwoofer.

9 CD IN (10, 17)

These RCA/phono connectors can be used to connect a CD player with analog outputs.

10 TAPE IN/OUT (10, 17, 18)

These RCA/phono connectors can be used to connect a cassette recorder, MiniDisc recorder, or other recorder with analog inputs and outputs.

① RI(19)

This RI (Remote Interactive) connector can be connected to the RI connector on another Onkyo AV component, for example, a CD player, DVD player, or cassette recorder. The TX-SR501/TX-SR501E's remote controller can then be used to control that component. To use RI, you must make an analog RCA/phono connection between your TX-SR501/TX-SR501E and the other AV component, even if they are connected digitally.

② VIDEO 1 IN/OUT & VIDEO 2 IN (10, 14–16, 39)

These connectors can be used to connect a VCR or other AV component. There are RCA/phono connectors for connecting to stereo analog audio inputs and outputs, and S-Video and composite video (RCA/phono) connectors for connecting to video inputs and outputs.

(3) DVD IN/MULTI CH INPUT (10, 12, 13)

The FRONT, SURR, CENTER, and SUBWOOFER RCA/phono connectors can be used to connect AV components with multiple analog audio outputs, including DVD players with individual 5.1 surround analog outputs. There's an S-Video input and composite video (RCA/phono) input for connecting the video signal.

(14) MONITOR OUT (10, 12)

These S-Video and composite video (RCA/phono) outputs can be connected to the video input on your TV or projector.

(5) VOLTAGE SELECTOR (Worldwide model only)

This voltage selector provides compatibility with power systems around the world.

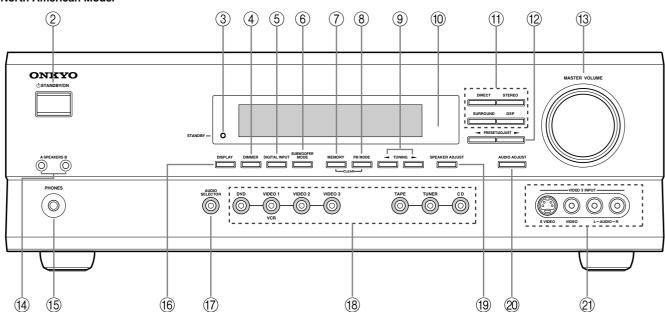
Tip:

A turntable with a built-in preamp can be connected to a pair of unused TX-SR501/TX-SR501E analog inputs. To connect a turntable without a built-in preamp, you'll need a commercially available phono preamp. See pages 17 and 18 and the instructions supplied with your phono preamp and turntable for more information.

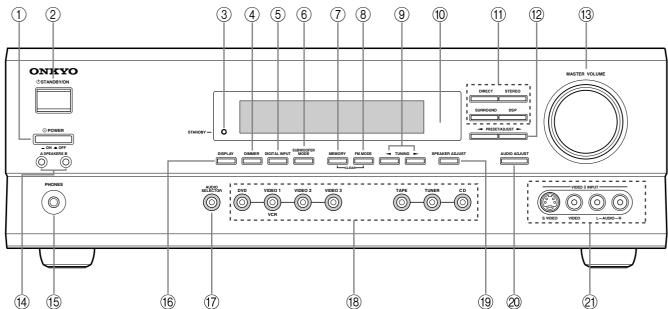
Page 4

Front Panel

North American Model



Other Models



1 POWER switch (24)

The North American model doesn't have this switch. This is the main power switch. When set to OFF, the TX-SR501/TX-SR501E is completely shutdown. When set to ON, the TX-SR501/TX-SR501E is in Standby mode and the STANDBY indicator lights up.

Don't turn on the power until you've completed, and double checked all connections.

Note:

Turning on the TX-SR501/TX-SR501E may cause a momentary power surge that might interfere with other electrical equipment on the same circuit. If this is a problem, plug the TX-SR501/TX-SR501E into a different branch circuit.

2 STANDBY/ON button (24)

This button is used to set the TX-SR501/TX-SR501E to On or Standby. For models with a POWER switch, this button has no effect unless the POWER switch is set to ON.

(3) STANDBY indicator (24)

This indicator lights up when the TX-SR501/TX-SR501E is in Standby mode, and it flashes while a signal is being received from the remote controller.

4 DIMMER button (32)

This button is used to adjust the display brightness.

(5) DIGITAL INPUT button (24)

This button is used to assign the digital inputs.

Page 5SUBWOOFER MODE button (25)

This button is used to select the Subwoofer modes.

Controls & Connectors—Continued

(7) MEMORY button (30, 31)

This button is used when storing and deleting radio presets.

8 FM MODE button (31)

This button is used to select the FM radio Stereo and Mono modes. It's also used when deleting radio presets.

⑨ TUNING [◄] [▶] buttons (30)

These buttons are used to tune into radio stations.

(10) Remote control sensor (5)

This sensor receives control signals from the remote controller

(1) Listening mode buttons (36)

These buttons are used to select the listening modes.

(2) PRESET/ADJUST [◄] [►] buttons (25, 26, 31, 37)

This button is used to select radio presets and adjust parameter values.

(13) MASTER VOLUME control (28, 30)

This control is used to set the volume of the TX-SR501/ TX-SR501E.

(14) SPEAKER A & B buttons (28, 32)

These buttons are used to turn speaker sets A and B on and off.

15 PHONES jack (33)

This 1/4-inch phone jack is for connecting a standard pair of stereo headphones for private listening.

(6) DISPLAY button (32)

This button is used to display various information about the currently selected source.

(7) AUDIO SELECTOR button (28, 29)

This button is used to select the input signal format.

(8) Input selector buttons (24, 28–30, 39)

These buttons are used to select the audio and video sources: CD, DVD, TAPE, TUNER, VIDEO 1, VIDEO 2, or VIDEO 3.

(9) SPEAKER ADJUST button (25, 26)

This button is used to adjust various speaker-related parameters

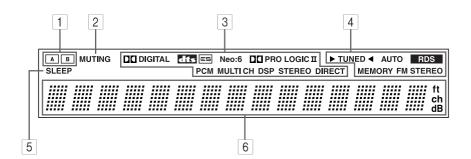
20 AUDIO ADJUST button (37)

This button is used to set the Bass, Treble, Late Night, Cinema Filter, Center Image, Panorama, Dimension, and Center Width functions.

(15, 39) VIDEO 3 INPUT connectors

These S-Video, composite video (RCA/phono), and analog audio (RCA/phono) inputs can be used to connect a video camera or games console.

Display



For detailed information, refer to the pages in parenthesis.

A & B speaker indicators (28, 32)

Indicator A lights up when speaker set A is on. Indicator B lights up when speaker set B is on.

2 MUTING indicator (33)

This indicator flashes when the TX-SR501/TX-SR501E is muted.

3 Source/listening mode indicators (28, 36)

These indicators display information about the currently selected source and listening mode.

4 Tuning indicators (30, 31)

TUNED (30): This indicator lights up when the TX-SR501/TX-SR501E is tuned into a radio station.

AUTO (30): This indicator lights up when the Auto Tuning function is on.

RDS (European model only) (31): This indicator lights up when the TX-SR501E is tuned into a radio station that supports RDS (Radio Data System).

MEMORY (31): This indicator lights up when programming radio presets.

FM STEREO (31): This indicator lights up when the TX-SR501/TX-SR501E is tuned into a stereo FM station.

5 SLEEP indicator (33)

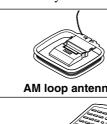
This indicator lights up when the Sleep function has been set.

6 Message area

This area of the display shows various information about the currently selected source.

Supplied Accessories

Make sure you have the following accessories:





Indoor FM antenna (connector type varies from country to country)



Only supplied in certain countries. Use this adapter if your AC outlet does not match with the plug on the TX-SR501/ TX-SR501E's power cord. (Adapter varies from country to country.)











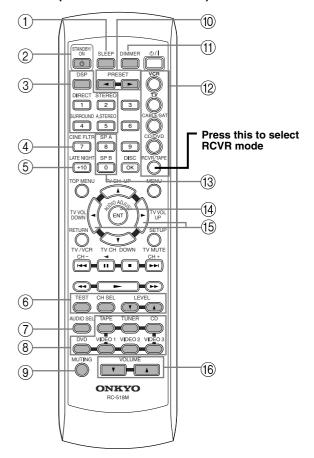
75/300-ohm antenna adapter

Not supplied with North American and European models.

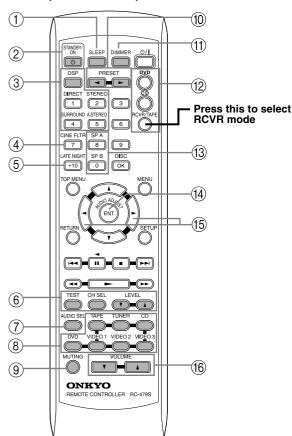
In catalogs and on packaging, the letter added to the end of the product name indicates the color of the TX-SR501/TX-SR501E. Specifications and operation are the same regardless of color.

Remote Controller—RCVR Mode

RC-518M (North American model)



RC-479S (other models)



This page describes only those buttons that can be used to control the TX-SR501/TX-SR501E when the remote controller is in RCVR mode (Receiver mode).

To select RCVR mode, press the [RCVR] button.

1 SLEEP button (33)

This button is used to set the Sleep function. This function can be set only with the remote controller.

2 STANDBY/ON button (24)

This button is used to set the TX-SR501/TX-SR501E to On or Standby.

(3) Listening mode buttons (36)

These buttons are used to select the listening modes.

(4) CINE FLTR button (37)

This button is used to set the Cinema Filter function.

(5) LATE NIGHT button (37)

This button is used to set the Late Night function.

6 TEST, CH SEL & LEVEL [▲] [▼] buttons (27, 29,

These buttons are used to set the level of each speaker individually. This function can be set only with the remote controller.

7 AUDIO SEL button (29)

This button is used to select analog or digital inputs for the CD, DVD, TAPE, VIDEO 1, VIDEO 2, and VIDEO 3 sources.

(8) Input selector buttons (28, 30, 39)

These buttons are used to select the audio and video sources: CD, DVD, TAPE, TUNER, VIDEO 1, VIDEO 2, and VIDEO 3.

9 MUTING button (33)

This button is used to mute the TX-SR501/TX-SR501E. This function can be set only with the remote controller.

(10) PRESET [**◄**] [**▶**] buttons (31)

These buttons are used to select radio presets.

(1) DIMMER button (32)

This button is used to adjust the display brightness.

(12) Remote Controller Mode buttons (28, 40, 42)

These buttons are used to select the remote controller modes. To select RCVR mode, press the [RCVR] button.

(13) SP A & SP B buttons (28, 32)

These buttons are used to turn on and off speaker sets A and B individually.

(14) AUDIO ADJUST button (37)

This button is used to set the Bass, Treble, Late Night, Cinema Filter, Center Image, Panorama, Dimension, and Center Width

(15) ADJUST [◄] [▶] buttons (37)

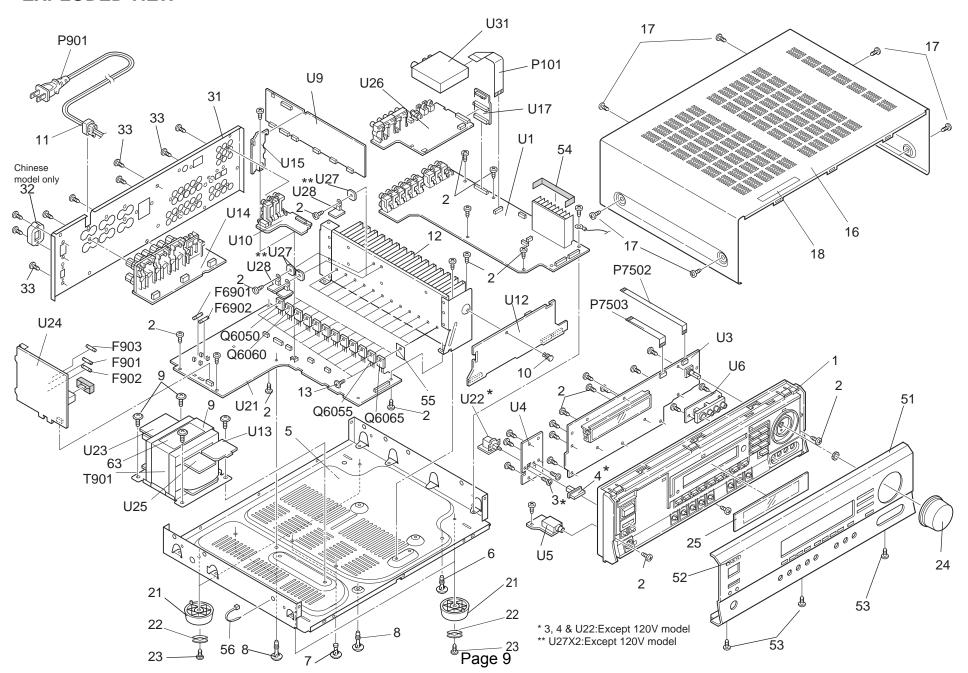
These buttons are used to adjust the functions selected with the AUDIO ADJUST button.

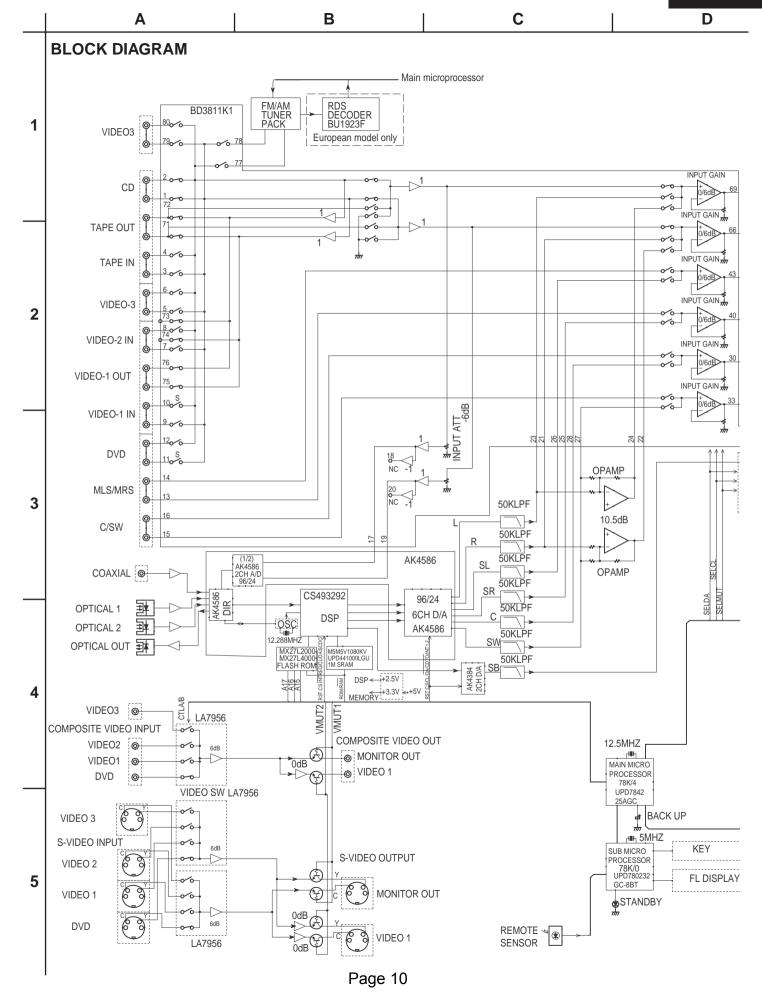
(6) VOLUME [▲] [▼] buttons (27, 28, 33)

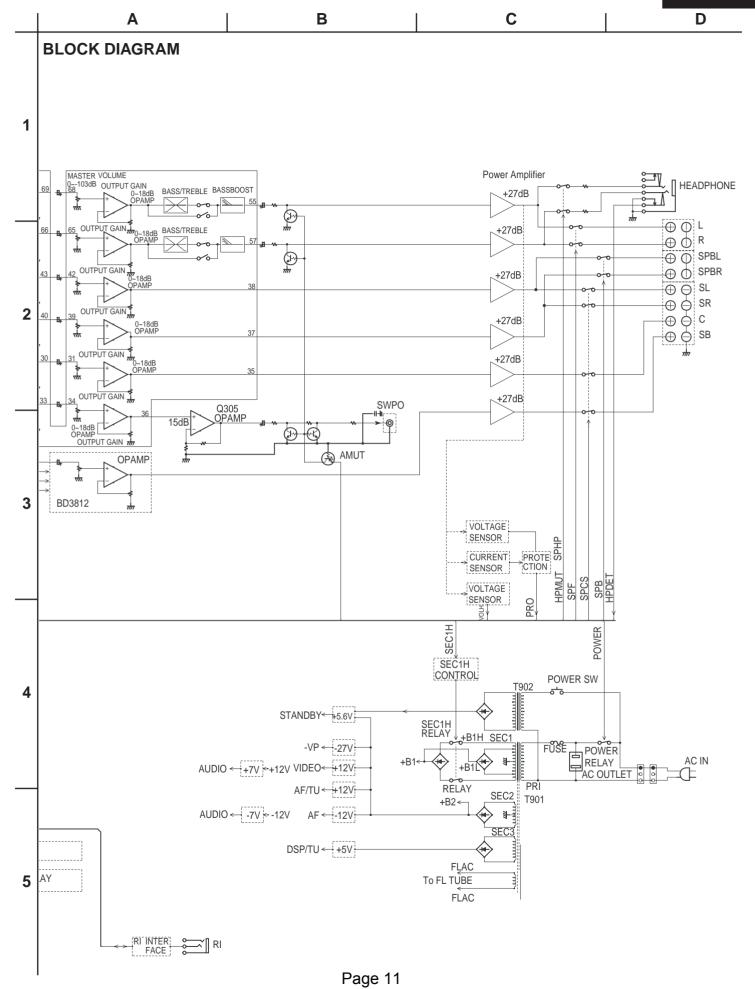
These buttons are used to set the volume of the TX-SR501/ Page 8^{TX-SR501E}.

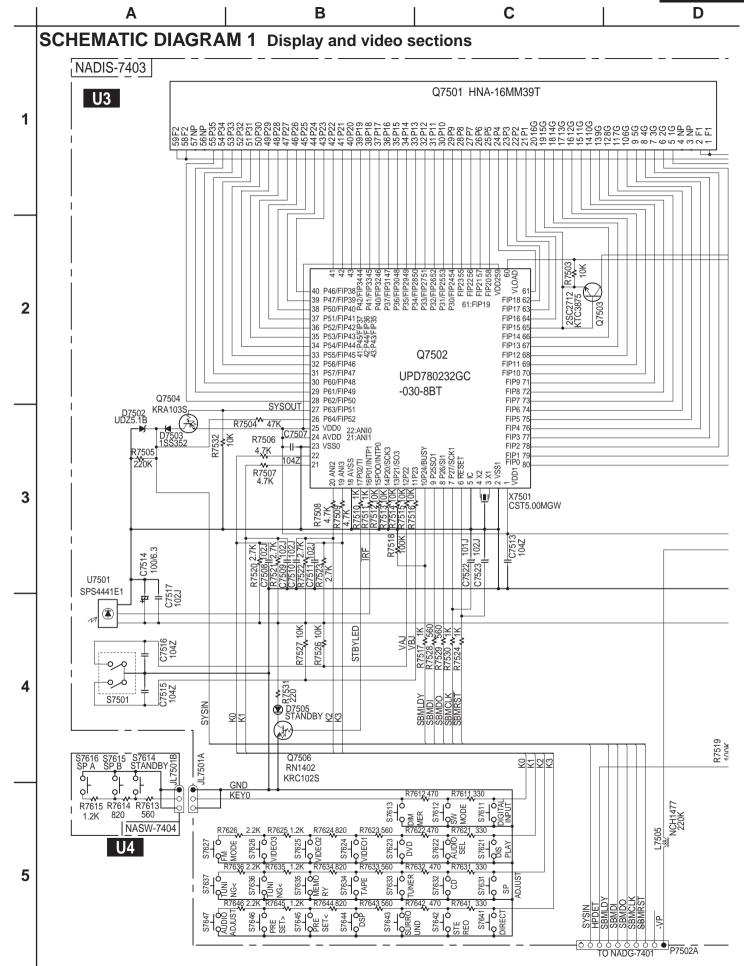
TX-SR501/E

EXPLODED VIEW

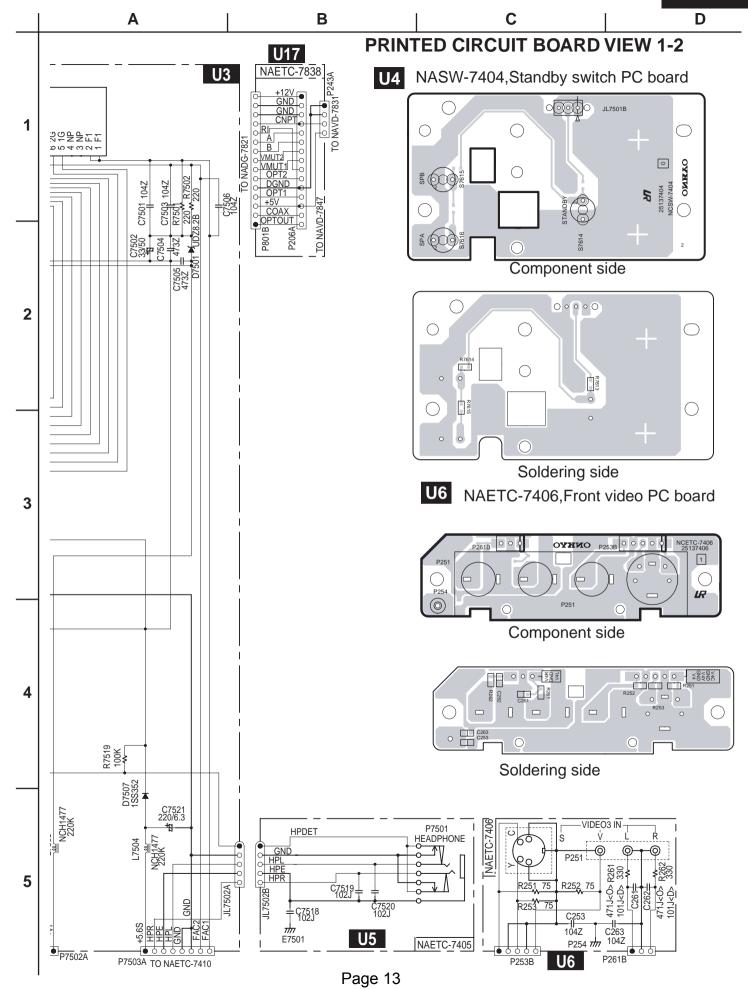


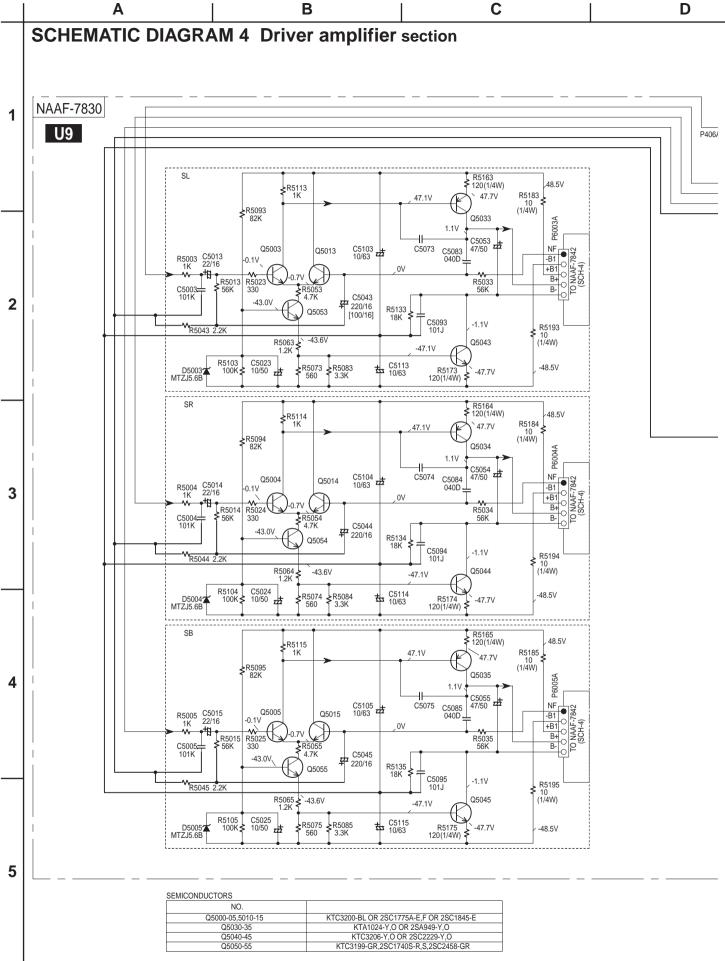




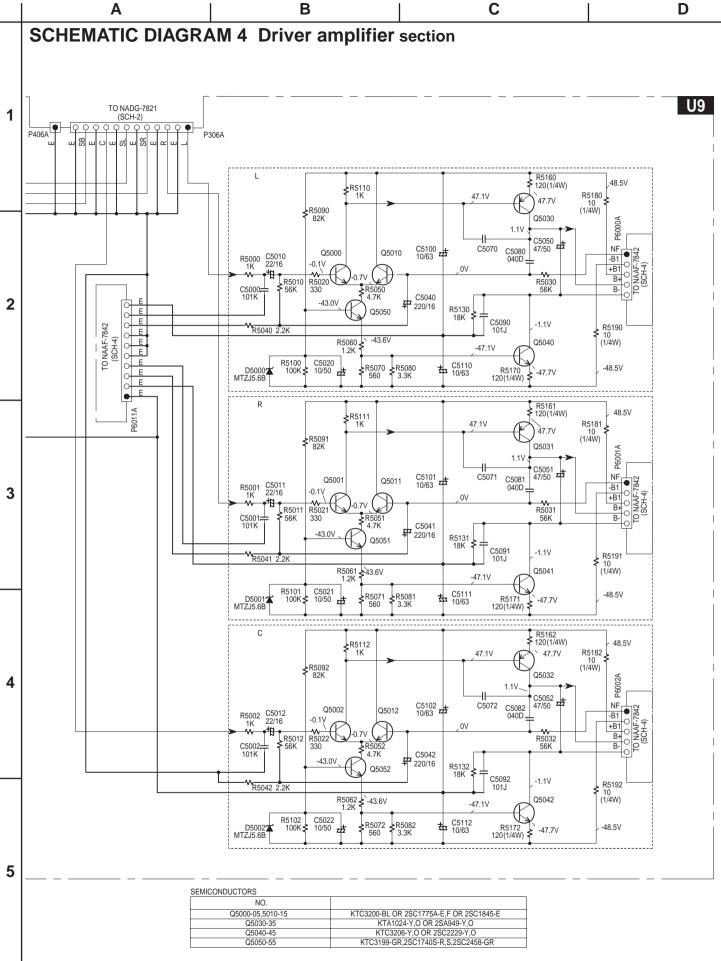


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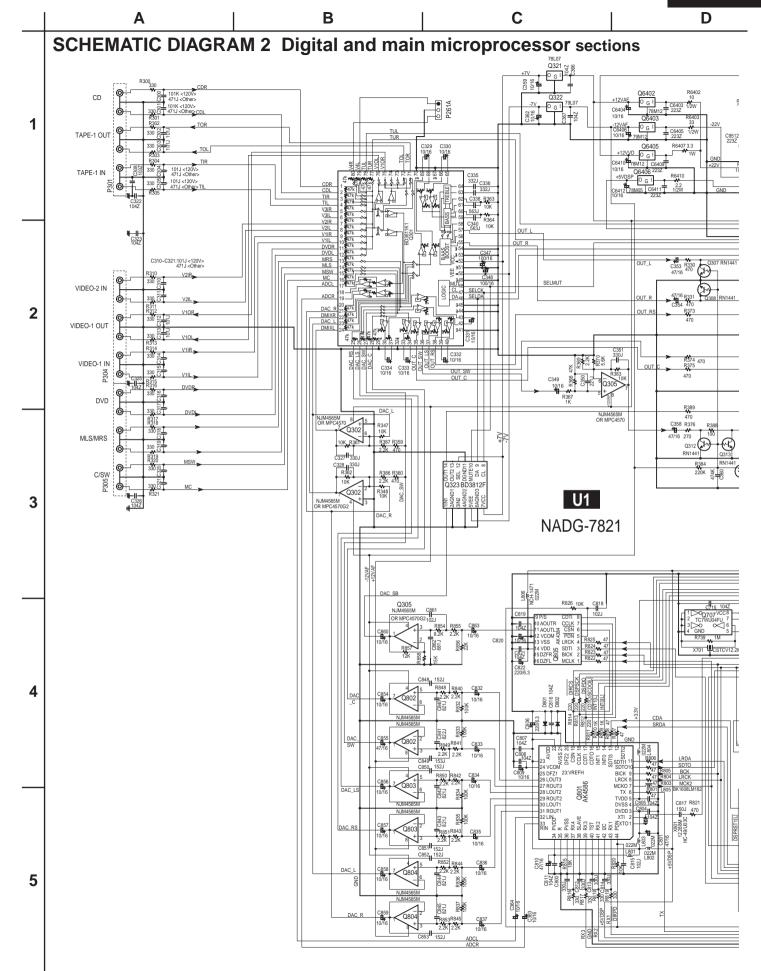




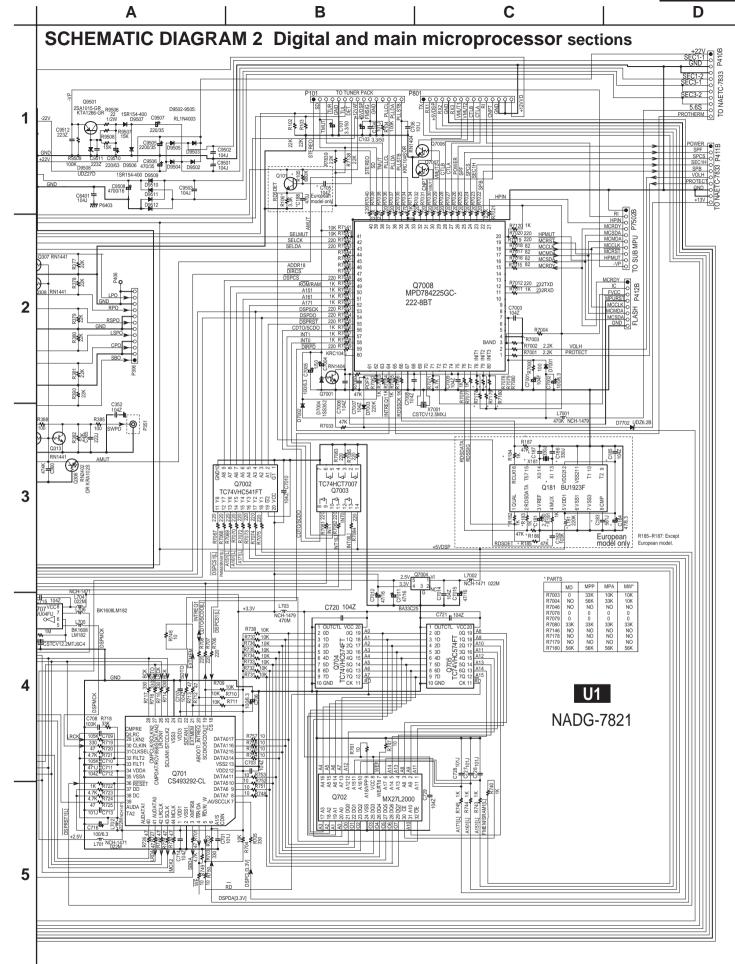
Page 14



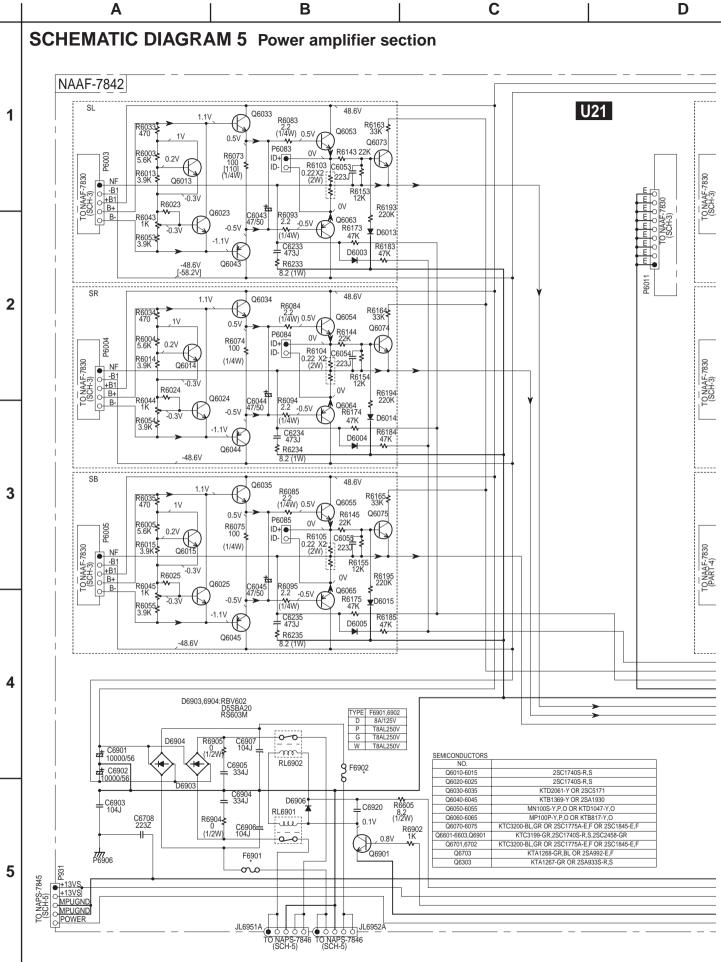
Page 15



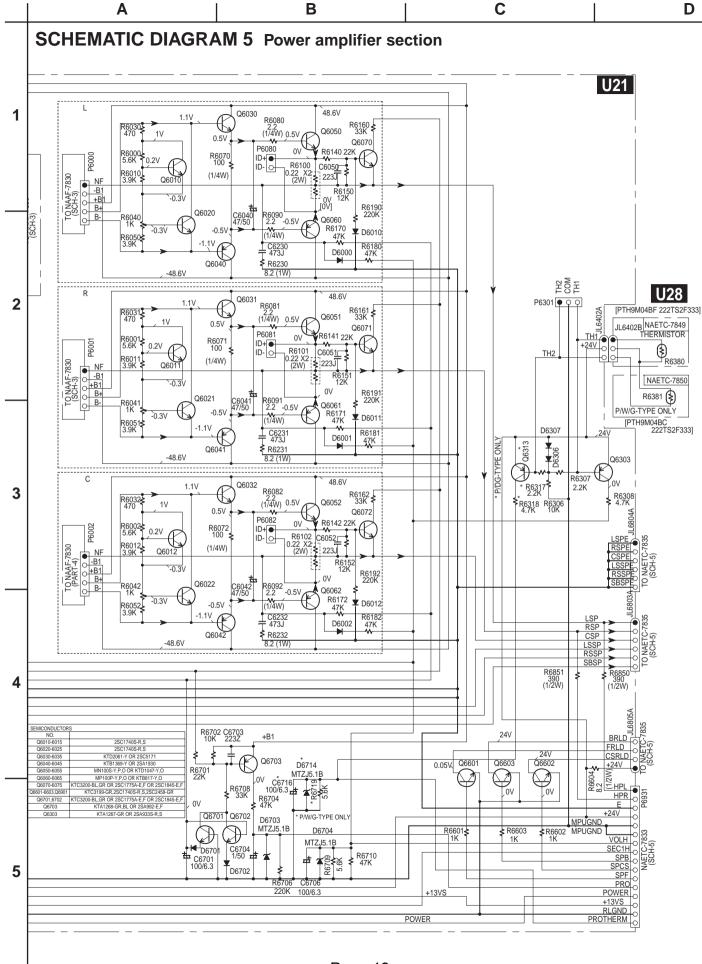
Page 16



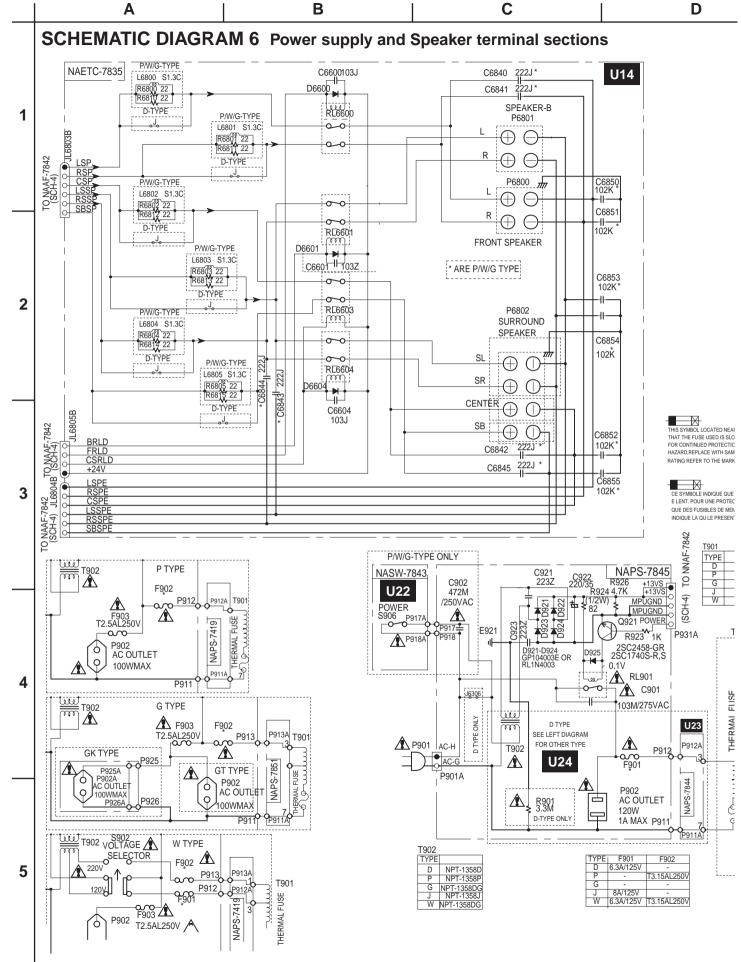
Page 17



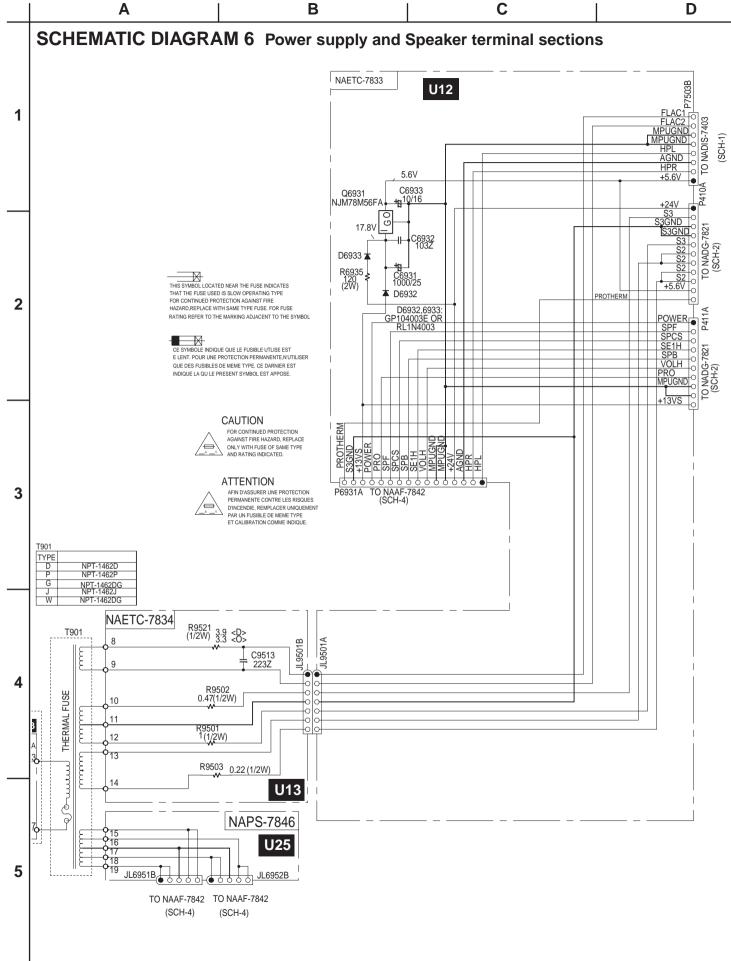
Page 18



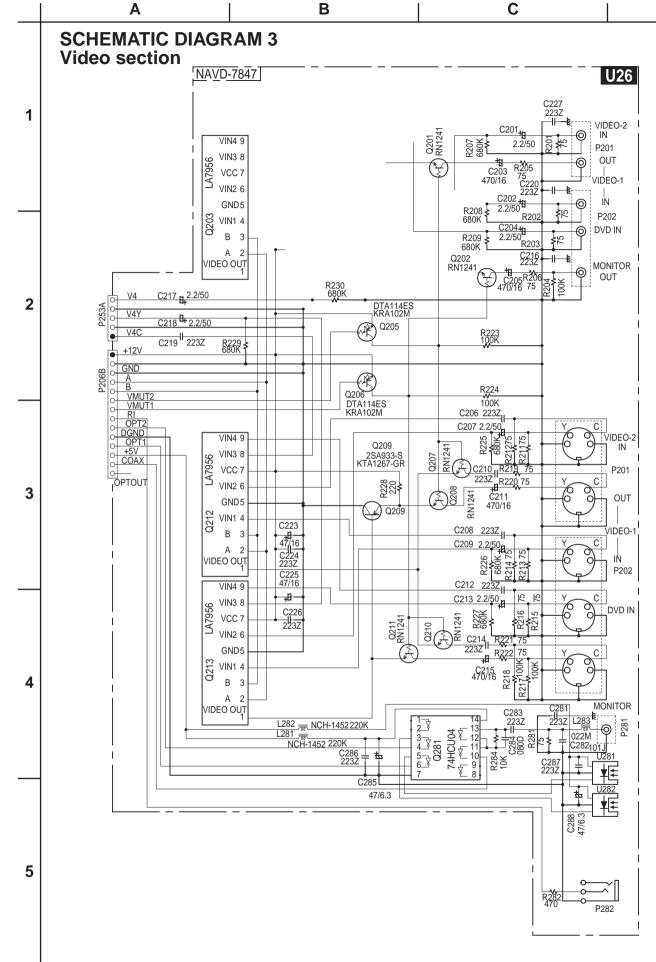
Page 19



Page 20



Page 21



Page 22

| A | B | C | D

SCHEMATIC DIAGRAM 7

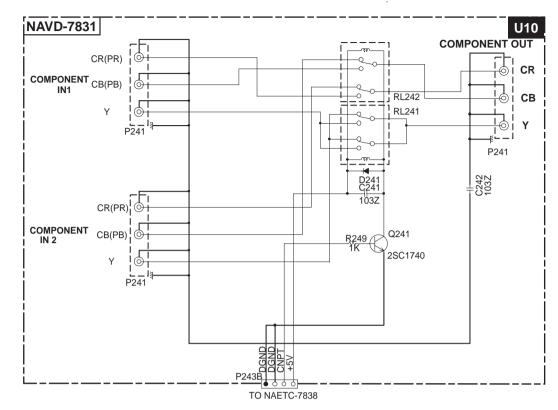
Video section

1

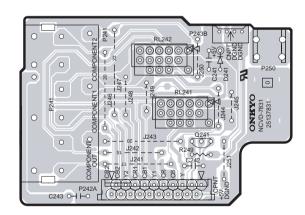
2

3

4

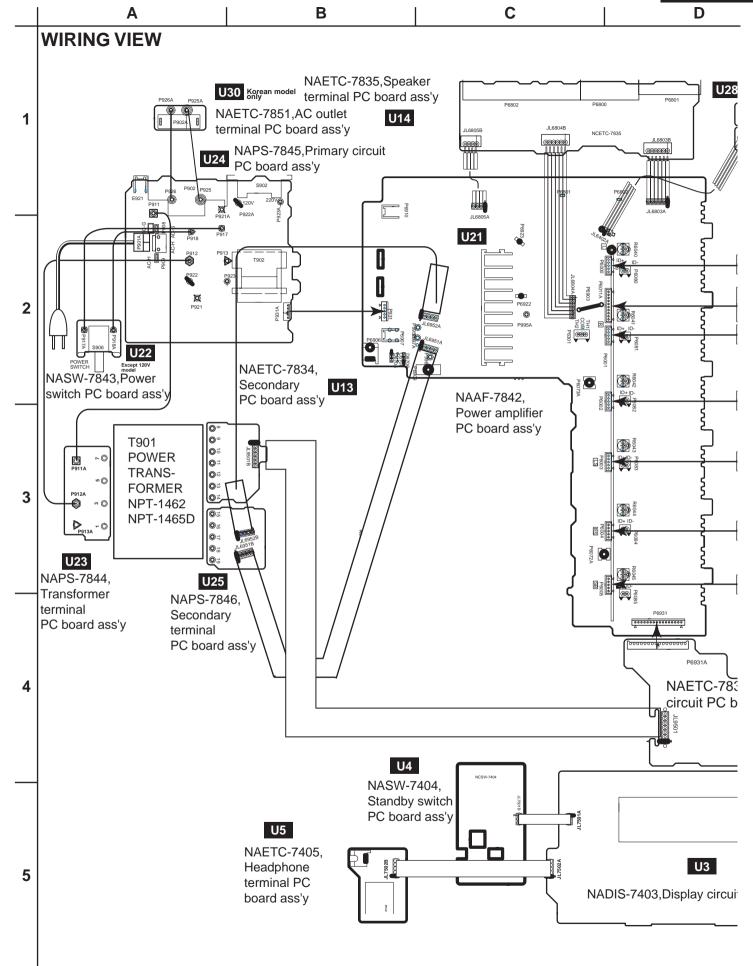


PRINTED CIRCUIT BOARD VIEW 6

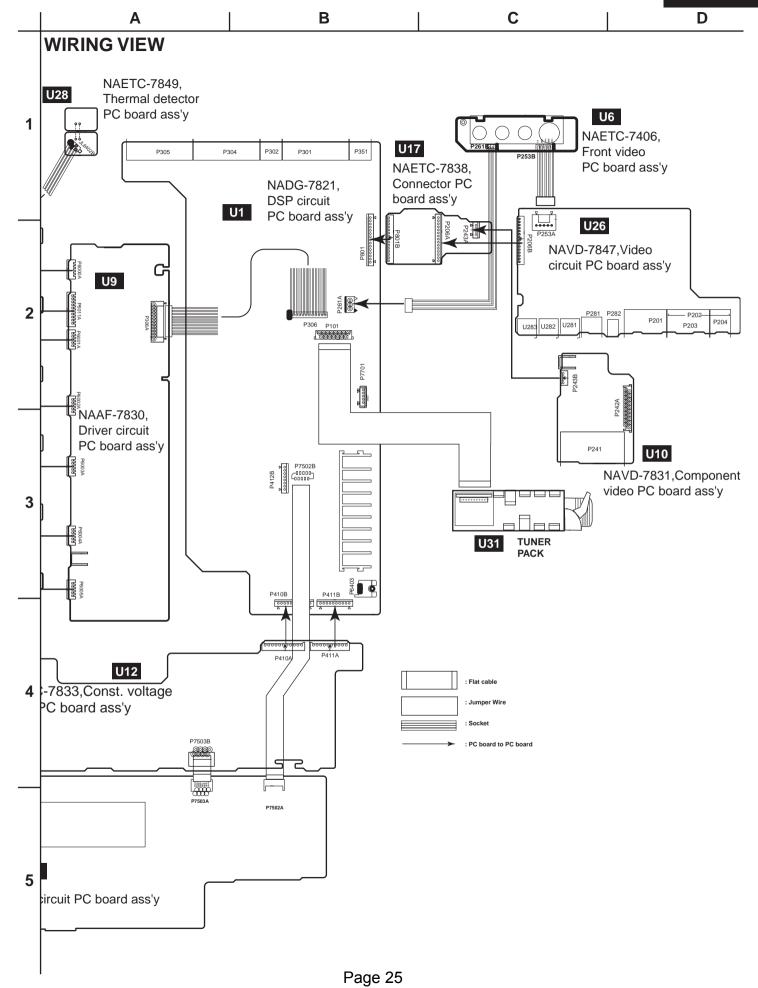


U10 NAVD-7831, Component video PC board

5



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TX-SR501/E

| A | B | C | D

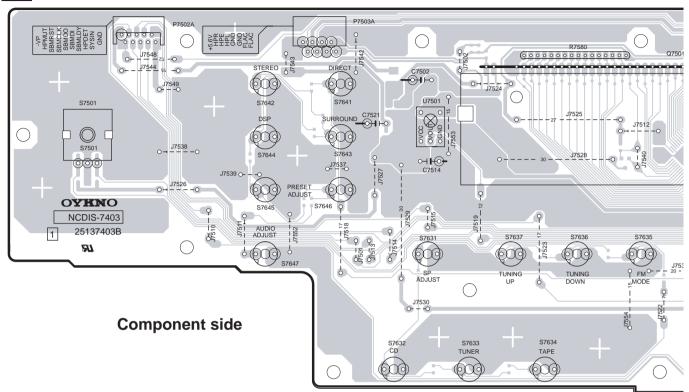
BLOCK DIAGRAM

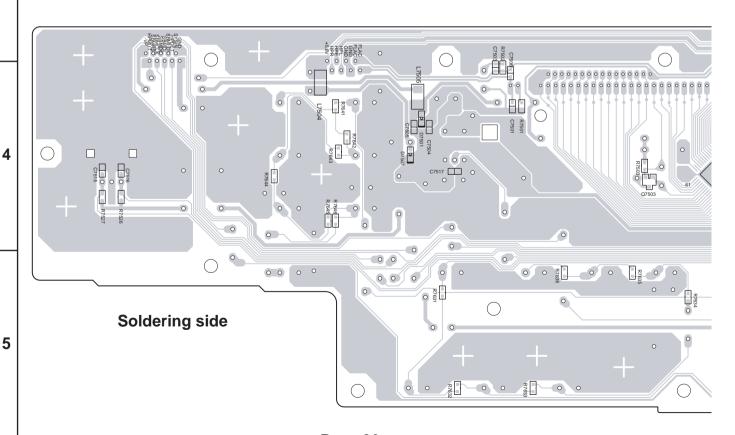
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U3 NADIS-7403, Display circuit PC board





В

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A B C D

PRINTED CIRCUIT BOARD VIEW 2

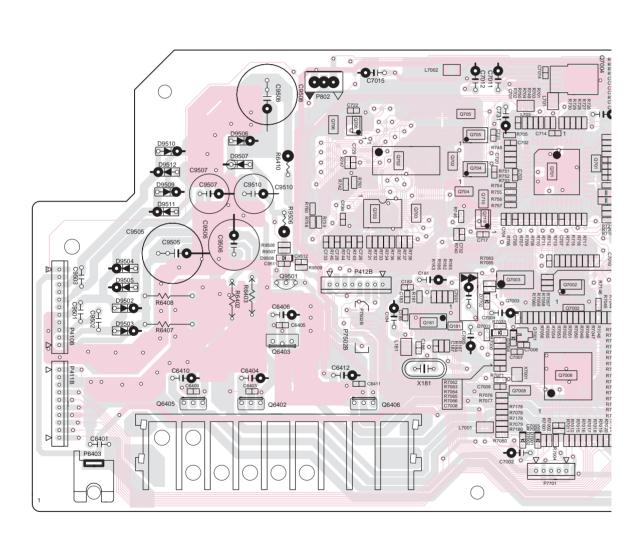
1 U1

2

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4

NADG-7821, DSP circuit PC board



5

C D В **PRINTED CIRCUIT BOARD VIEW 2** 1 U1 NADG-7821, DSP circuit PC board 000 2 0 0 0 0 0 . 0 ONKYO NCDG-7821 25137821A

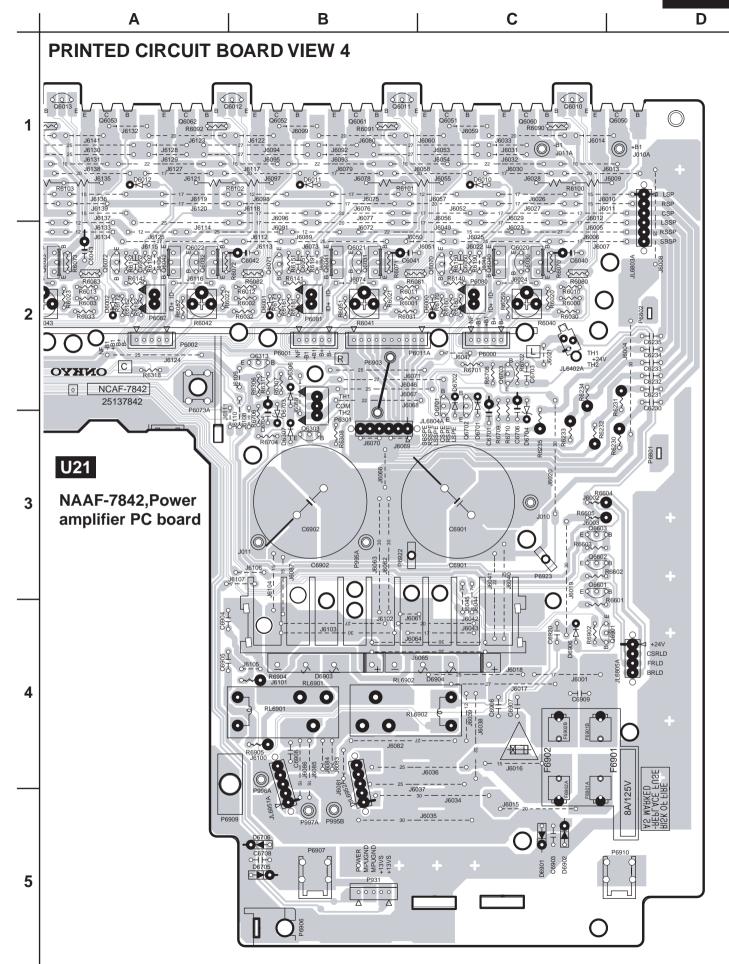
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PRINTED CIRCUIT BOARD VIEW 4 1 2 OYHUO C RESIDENCE o NCAF-7842 <u>IR</u> 25137842 U21 NAAF-7842, Power amplifier PC board 3 NCETC-7850 0 25137850 4 -O J6502 NAETC-7849, Thermal det. PC board U28 5

В

C



Page 31

A | B | C | D

PRINTED CIRCUIT BOARD VIEW 5

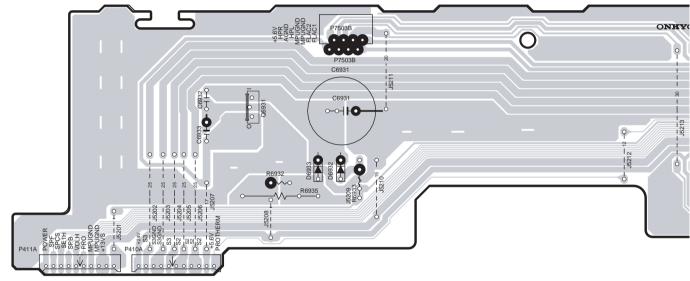
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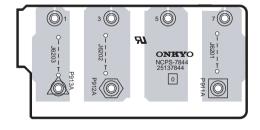
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U14 NAETC-7835, Speaker terminal PC board



U12 NAETC-7833,Const. Voltage circuit PC board



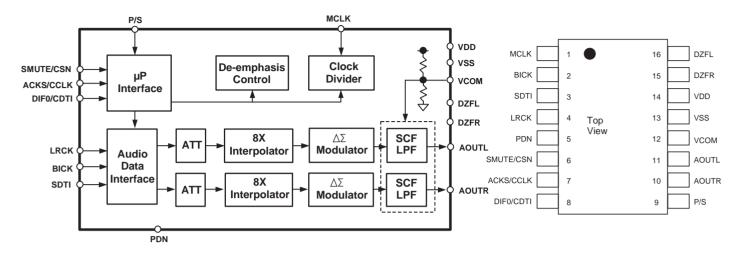
U23 NAPS-7844, Transformer terminal PC board

TX-SR501/E

C В **PRINTED CIRCUIT BOARD VIEW 2** U1 NADG-7821,DSP circuit PC board 1 2 NCDG-7821 25137821A uau1 4 5

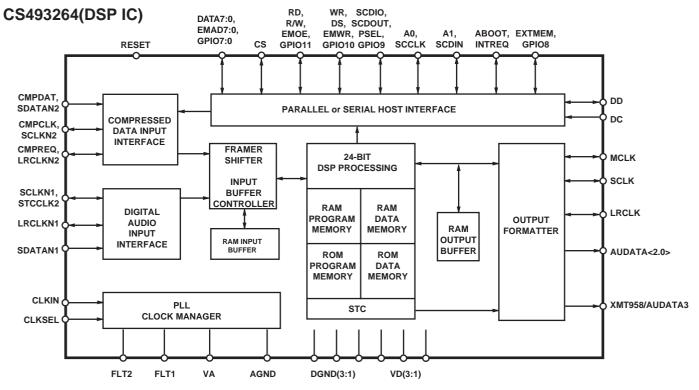
IC BLOCK DIAGRAMS AND DESCRIPTIONS

AK4384(106dB 192kHz 24-Bit 2ch DAC)

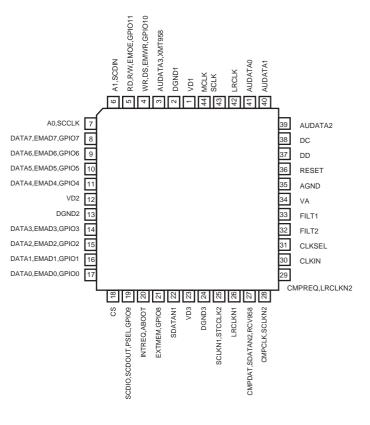


No.	Pin Name	I/O	Function
1	MCLK	1	Master Clock Input Pin
			An external TTL clock should be input on this pin.
2	BICK	I	Audio Serial Data Clock Pin
3	SDTI	1	Audio Serial Data Input Pin
4	LRCK	I	L/R Clock Pin
5	PDN	I	Power -Down Mode Pin
			When at "L", the AK4384 is in the power-down mode and is held in reset.
			The AK4384 should always be reset upon power-up.
6	SMUTE	I	Soft Mute Pin in parallel mode
			"H": Enable, "L": Disable
	CSN	I	Chip Select Pin in serial mode
7	ACKS	I	Auto Setting Mode Pin in parallel mode
			"L": Manual Setting Mode, "H": Auto Setting Mode
	CCLK	I	Control Data Clock Pin in serial mode
8	DIF0	I	Audio Data Interface Format Pin in parallel mode
	CDTI	I	Control Data Input Pin in serial mode
9	P/S	I	Parallel/Serial Select Pin (Internal pull-up pin)
			"L": Serial control mode, "H": Parallel control mode
10	AOUTR	0	Rch Analog Output Pin
11	AOUTL	0	Lch Analog Output Pin
12	VCOM	0	Common Voltage Pin, VDD/2
			Normally connected to VSS with a 0.1mF ceramic capacitor in parallel with
			a 10 m F electrolytic cap.
13	VSS	-	Ground Pin
14	VDD	-	Power Supply Pin
15	DZFR	0	Rch Data Zero Input Detect Pin
16	DZFL	0	Lch Data Zero Input Detect Pin

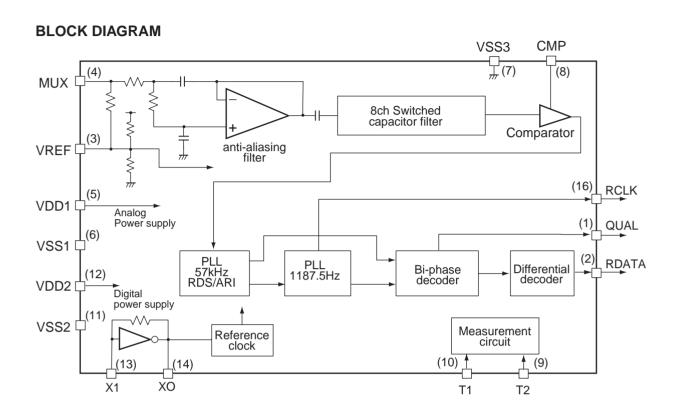
IC BLOCK DIAGRAMS AND DESCRIPTIONS



No.	Symbol	Description
1	VD1	Digital positive supply
2	DGMD1	Digital supply ground
3	AUDATA3,XMT958	SPDIF transmitter output. Digital audio output.
		Host write strobe or host data strobe or external memory write enable or general
4	WR,DS,EMWR,GPIO10	purpose input & output number 10.
5	RD,R/W,EMOE,GPIO11	Host parallel output enable or host parallel R/W or external memory output enable or general purpose input & output number 11.
6	A1,SCDIN	Host address bit one or SPI serial control data input.
7	A0,SCCLK	Host parallel address bit zero or serial control port clock.
8	DATA7	In parallel nost mode these pins provide a bi-directional data bus. If a serial nost
9	DATA6	mode is selected, these pins can provide a multiplexed address and data bus for
10	DATA5	connecting an 8-bit external memory. Otherwise, in serial data host mode, these
11	DATA4	pins can act as general-purpose input or output pins that can be individually
12	VD2	Digital positive supply
13	DGND2	Digital supply ground
14	DATA3	In parallel host mode these pins provide a bi-directional data bus. If a serial host
15	DATA3	mode is selected, these pins can provide a multiplexed address and data bus for
16	DATA1	connecting an 8-bit external memory. Otherwise, in serial data host mode, these
	DATA1 DATA0	pins can act as general-purpose input or output pins that can be individually
17		configured by this DSP.
18	CS	Host parallel chip select, host serial SPI chip select pin.
19	SCDIO,SCDOUT,PSEL .GPIO8	Serial control port data input and output, parallel port type
	/	select pin.
20	INREQ,ABOOT	Control port interrupt request, automatic boot enable
21	EXTMEM,	External memory chip select or general purpose input & output number pin
22	SDATAN1	PCM audio data input number one
23	VD3	Digital positive supply
24	DGND3	Digital supply ground
25	SCLK1,STCLK2	PCM audio data input bit clock
26	LRCLKN1	PCM audio input sample rate clock
27	CMPDAT,ECV958	PCM audio data input number two.
21	SDATAN2	r Civi addio data input number two.
28	CMPCLK,	PCM audio input bit clock
28	SCLKN2	PCM audio input bit clock
	CMPREQ	DOM F
29	LRCLKN2	PCM audio input sample rate clock
30	CLKIN	Master clock input pin
31	CLKSEL	DSP clock select pin
32	FILT2	Connect to an external filter for phase-locked loop.
33	FILT1	Connect to an external filter for phase-locked loop.
34	VA	Analog positive supply.
35	AGND	Analog supply ground/
36	RESET	Master reset input
37	DD	musici reset input
38	DC	These pins are reserved and should be pulled up with an external 4.7k resistors.
38	AUDATA2	Digital audio autaut 2
		Digital audio output 2.
40	AUDATA1	Digital audio output 1.
	AUDATA0	Digital audio output 0.
42	LRCLK	Audio output sample rate clock
	LRCLK SCLK MCLK	Audio output sample rate clock audio output bit clock Audio master clock



IC BLOCK DIAGRAMS AND DESCRIPTIONS BU1923F(RDS Decoder)

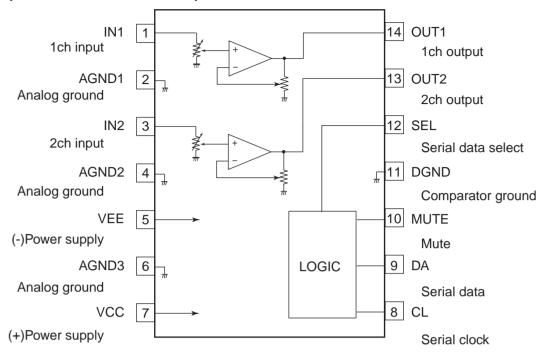


TERMINAL DESCRIPTION

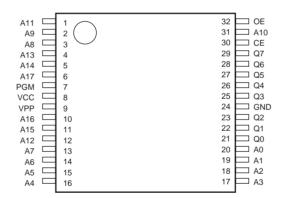
Pin No.	Symbol	Pin name	Function		
1	QUAL	Demodulator quality	Good data: High, Bad data: Low		
2	RDATA	Demodulator data	RDS data output		
3	Vref	Reference voltage	1/2 VDD1		
4	MUX	Input	Composite signal input		
5	VDD1	Analog power supply	4.5V to 5.5V		
6	Vss1				
7	Vss3	GND	-		
8	CMP	Comparator input	C-junction		
9	T2	Test input	Open or connected to ground		
10	T1				
11	VDD2	Digital power supply	4.5V to 5.5V		
12	Vss2				
13	XI	Crystal oscillor	Connects to 4.332MHz oscillator		
14	XO				
15	(NC)	-	-		
16	RCLK	Demodulator clock	1187.5Hz clock		

IC BLOCK DIAGRAMS AND DESCRIPTIONS

BD3812F(Audio Sound Processor)

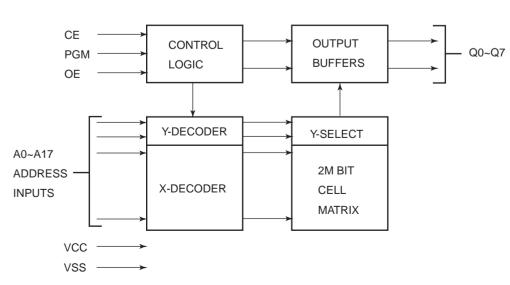


MX27L2000TC-12(2M-Bit CMOS EPROM)



PIN DESCRIPTION

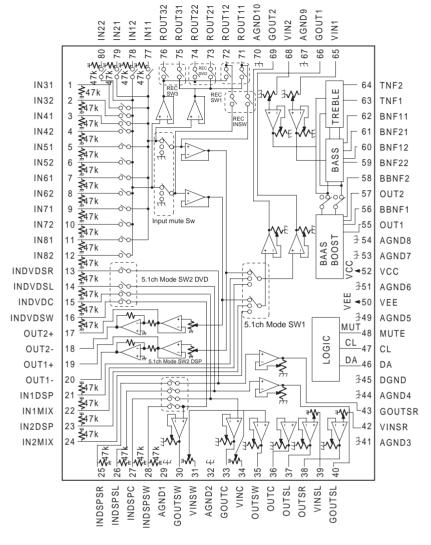
SYMBOL	PIN NAME
A0~A17	Address Input
Q0~Q7	Data Input/Output
CE	Chip Enable Input
OE	Output Enable Input
PGM	Programmable Enable Input
VPP	Program Supply Voltage
NC	No Internal Connection
VCC	Power Supply Pin (+5V)
GND	Ground Pin



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IC BLOCK DIAGRAMS AND DESCRIPTIONS

BD3811K1(6ch Volume with 8ch input selector)

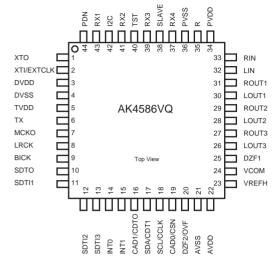


No.	Terminal	Description
1	IN31	1ch input terminal 3
2	IN32	2ch input terminal 3
3	IN41	1ch input terminal 4
4	IN42	2ch input terminal 4
5	IN51	1ch input terminal 5
6	IN52	2ch input terminal 5
7	IN61	1ch input terminal 6
8	IN62	2ch input terminal 6
9	IN71	1ch input terminal 7
10	IN72	2ch input terminal 7
11	IN81	1ch input terminal 8
12	IN82	2ch input terminal 8
13	INDVDSR	DVD surround Rch input terminal
14	INDVDSL	DVD surround Lch input terminal
15	INDVDC	DVD center input terminal
16	INDVDSW	DVD sub woofer input terminal
17	OUT2(+)	2ch (+) A/D output terminal
18	OUT2(-)	2ch (-) A/D output terminal
19	OUT1(+)	1ch (+) A/D output terminal
20	OUT1(-)	1ch (-) A/D output terminal
21	IN1DSP	1ch DSP input terminal
22	IN1MIX	1ch DSP MIX input terminal
23	IN2DSP	2ch DSP input terminal
24	IN2MIX	2ch DSP MIX input terminal
25	INDSPSR	DSP surround Rch input terminal

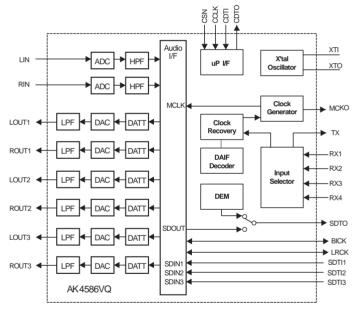
	Description DSP surround Lch input terminal
	DSP center input terminal
	DSP sub woofer input terminal
	Analog ground terminal
	Sub woofer input gain output terminal
VINSW	Sub woofer volume input terminal
AGND2	Analog ground terminal
GOUTC	Center input gain out put terminal
VINC	Center volume input terminal
	Sub woofer output terminal
	Center output terminal
	Surround Lch output terminal
	Surround Rch output terminal
	Surround Lch volume input terminal
	Surround Lch input gain output termina
	Analog ground terminal Surround Rch volume input terminal
	Surround Rch input gain output terminal
	Analog ground terminal
	Ground terminal for comparator
DA	Serial data and latch input terminal
CL	Serial clock input terminal
MUTE	Mute terminal
AGND5	Analog ground terminal
VEE	(-) Power supply terminal
	Analog ground terminal
	(+) Power supply terminal
	Analog ground terminal
	Analog ground terminal
	1ch output terminal 1ch bass boost filter terminal
	2ch output terminal
	2ch bass boost filter terminal
BNF22	2ch bass filter terminal 2
BNF12	2ch bass filter terminal 1
BNF21	1ch bass filter terminal 2
BNF11	1ch bass filter terminal 1
TNF1	1ch treble filter terminal 1
	2ch treble filter terminal 1
	1ch(Lch) volume input terminal
	1ch(Lch) input gain output terminal
	Analog ground terminal
	2ch(Rch) volume input terminal 2ch(Rch) input gain output terminal
	Analog ground terminal
	1ch recording input/output terminal 1
	2ch recording input/output terminal 1
	1ch recording output terminal 2
ROUT22	2ch recording output terminal 2
ROUT31	1ch recording output terminal 3
ROUT32	2ch recording output terminal 3
IN11	1ch input terminal 1
IN12	2ch input terminal 1
	1ch input terminal 2
IN22	2ch input terminal 2
	AGND2 GOUTC VINC OUTSW OUTC OUTSS VINSL GOUTSL OUTSL OUTSL OUTSL OUTSL OUTSL OUTSL OUTSL GOUTSL AGND3 VINSR GOUTSL AGND4 DGND DA CL MUTE AGND5 VEE AGND6 VCC AGND7 AGND8 OUT1 BBNF1 DUT2 BBNF2 BNF21 BNF11 TNF1 TNF1 TNF1 TNF1 TNF1 TNF1 TNF1

IC BLOCK GIAGRAMS AND DESCRIPTIONS

AK4586VQ(96kHz 6ch CODEC)



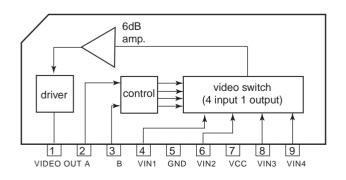
Pin Layout



No.	Name	I/O	Description	
1	XTO	0	Crystal oscillator output pin	
_	XTI	Ī	Crystal oscillator input pin	
2	EXTCLK		Master clock input pin	
3	TVDD	-	Power supply pin for output buffer. 2.7V to 5.5V	
4	DVSS	-	Digital ground pin	
5	DVDD	-	Power supply pin for digital section. 4.5V to 5.5V	
6	TX	0	Transmitter channel output pin	
7	MCKO	Ö	Master clock output pin	
8	LRCK	I/O	Input/Output channel clock pin	
9	BICK	I/O	Audio serial data clock pin	
10	SDTO	0	Audio serial data output pin	
11	SDTI1		Audio serial data input pin for DAC1	
12	SDTI2		Audio serial data input pin for DAC2	
13	SDTI3		Audio serial data input pin for DAC3	
14	INT0	0	Interrupter pin 0	
15	INT1	0	Interrupter pin 1	
16	CDTO	0	Control data output pin (Serial mode)	
16	CADI	ı	Chip address pin 1 (Bus mode)	
17	CDTI		Control data input pin (Serial mode)	
17	SDA	I/O	Control data input/output pin (Bus mode)	
18	CCLK	- 1	Control data clock pin (Serial mode)	
10	SCL	- 1	Control data clock pin (Bus mode)	
19	CSN		Chip select pin (Serial mode)	
19	CAD0	ı	Chip address pin 0 (Bus mode)	
20	DZF2	0	Zero input detection pin 2	
	OVF	0	Overflow detection pin for analog input	
21	AVSS	-	Analog ground pin	
22	AVDD	-	Power supply pin for analog section. 4.5V to 5.5V	
23	VREFH		Reference voltage input pin, AVDD	
24	VCOM	0	Common voltage output pin, AVDD/2	
25	DZF1	0	Zero input detection pin 1	
26	LOUT3	0	DAC 3 left channel analog output pin	
27	ROUT3	0	DAC 3 right channel analog output pin	
28	LOUT2	0	DAC 2 left channel analog output pin	
29	ROUT2	0	DAC 2 right channel analog output pin	
30	LOUT1	0	DAC 1 left channel analog output pin	
31	ROUT1	0	DAC 1 right channel analog output pin	
32	LIN		Left channel analog input pin	
33	RIN		Right channel analog input pin	
34	PVDD	-	PLL power supply pin. 4.5V to 5.5V	
35	R	-	External resistor connection pin	
36	PVSS	-	PLL ground pin	
37	RX4	_	Receiver channel input pin 4	
38 39	SLAVE	- 1	Slave mode pin	
	RX3		Receiver channel input pin 3	
40	TST RX2	1	Test pin	
41		_	Receiver channel input pin 2	
42	I2C	-	Serial control mode select pin. Serial at H. Receiver channel input pin 1	
43	RX1	- -		
44	PDN	ı	Power down and reset pin	

Block diagram

LA7956(Video Switch)



S2	S3	VIN1	VIN2	VIN3	VIN4
(2 pin)	(3 pin)	(4 pin)	(6 pin)	(8 pin)	(9 pin)
Н	Н	ON	OFF	OFF	OFF
L	Н	OFF	ON	OFF	OFF
Н	L	OFF	OFF	ON	OFF
L	L	OFF	OFF	OFF	ON

IC BLOCK DIAGRAMS AND DESCRIPTIONS

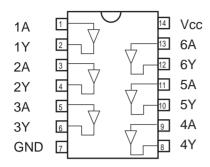
TC74VHC541FT(Octal bus buffer)

20 Vcc G1 1 Α1 2 19 G2 18 Y1 3 A2 4 17 Y2 АЗ 5 16 Υ3 A4 A5 6 15 Y4 7 14 Y5 A6 A7 8 13 Y6 9 **A8** 12 Y7 GND 10 Y8

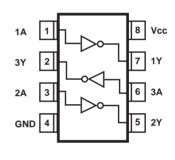
I	NPUT	OUTPUT	
G ₁	G1 G2 An		
Н	Х	Х	Z
Х	Н	Х	Z
L	L	Н	Н
L	L	L	L

X :Don't care Z :High impedance

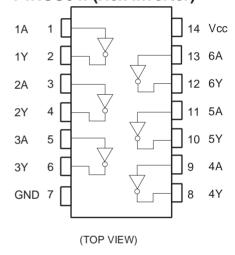
TC7HTC7007AF(Hex buffer)

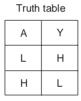


TC7WU04FU(Triple inverter)

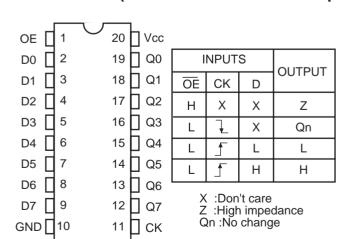


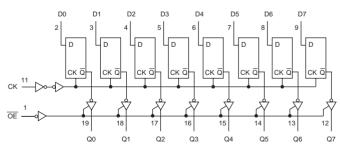
74HCU04F(Hex Inverter)

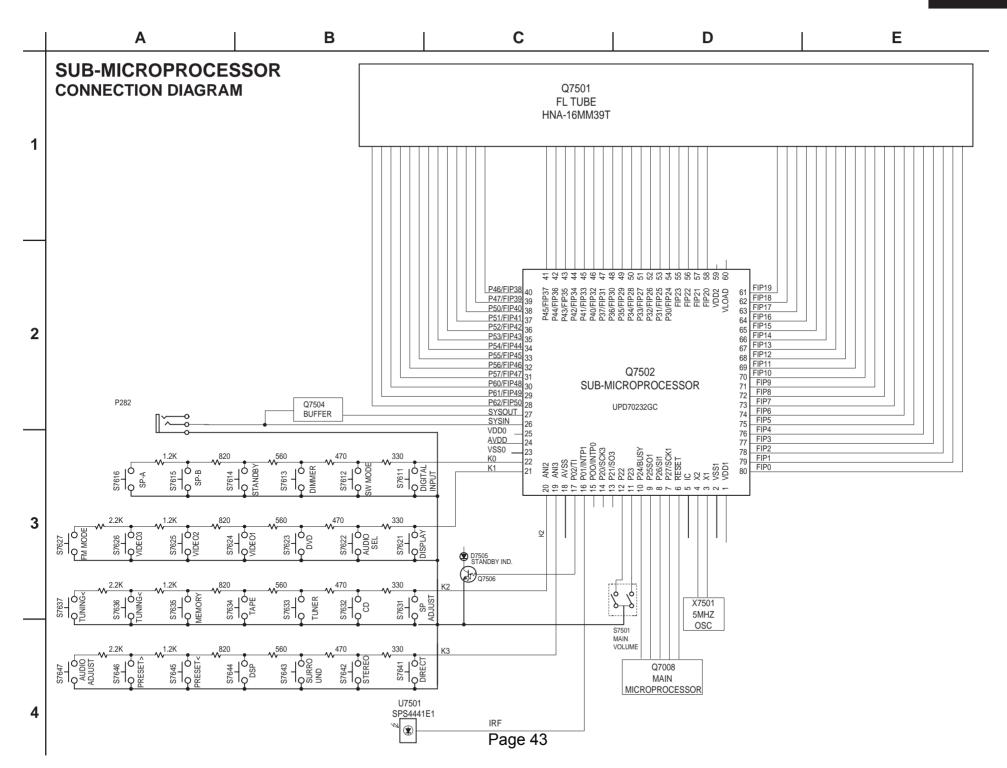




TC74VHC574FT(Octal D-FF with 3-state output)







TERMINAL DESCRIPTION MAIN MICROPROCESSOR

No	Terminal	1/0	Decariation	
			Description	
1	PROTECT	<u> </u>	Protection circuit detection input terminal	
2	VOLH	!	Power amplifier voltage detection terminal.	
3	BAND	1	Region setting input terminal.	
	232TXD	.	Not used.	
	MCRDY	<u> </u>	Data ready detection input terminal from the sub microprocessor.	
	MCSDa	1	Data input terminal from the sub microprocessor.	
	MCMDA	0	Data output terminal to the sub microprocessor.	
	MCCLK	0	Serial clock output terminal to the sub microprocessor	
19	~MCRST	0	Reset signal output terminal to the sub microprocessor	
	HPMUT	0	Muting control output terminal for headphone amplifier.	
	HPIN	1	Input terminal to detect the connection of headphone	
	SPBRL	0	Speaker B relay control output terminal.	
	SEC1H	0	Voltage +/-B control output terminal.	
	SPACSRL	0	Speaker relay control output terminal for center and surround channels	
	SPAFRL	0	Speaker relay A control output terminal for front channels	
	POWERRL	0	Power source relay control output terminal	
27	VCTRLA	0	Control signal A output terminal for the video selector switch	
28	VCTRLB	0	Control signal B output terminal for the video selector switch	
29	VMUT2	0	Muting control output terminal for the video section 2	
30	VMUT1	0	Muting control output terminal for the video section 1	
31	CNPI	0	Componet video relay control output	
34	AMUT	0	Audio muting control output terminal	
35	PLLSTB	0	Strobe signal output terminal to PLL IC	
36	PLLSDO	0	Serial data output terminal to PLL IC	
37	PLLCLK	0	Serial clock output terminal to PLL IC	
38	TUMUT	0	Muting control output terminal for the tuner section	
39	~SD	ı	Broadcast detection input terminal more than a muting level.	
40	~STEREO	ı	FM stereo broadcast detection input terminal	
41	SELMUT	0	Muting control output terminal for selector, volume and tone IC BD3811.	
42	SELCLK	0	Serial clock output terminal of IC BD3811.	
43	SELSDO	0	Serial data and latch signal output terminal for IC BD3811	
44	SNONE	0	Not used.	
45	SWNONE	0	Not used.	
46	ADDR181	0	DSP boot ROM address 18 select terminal. Not used.	
47	~DIRCS	0	Chip select signal output terminal to DIR IC AK4586	
48	~DSPCS	0	Chip select signal output terminal to DSP IC.	
49	~ROM/RAM	0	ROM/RAM select terminal. Not used.	
50	ADDR151	0	DSP boot ROM address 15 select terminal. Not used.	
	ADDR161	0	DSP boot ROM address 16 select terminal.Not used.	
52	ADDR171	0	DSP boot ROM address 17 select terminal.Not used.	
53	DSPCLK	0	Serial clock output terminal for DIR and DSP ICs.	
54	DSPSDO	0	Serial data output terminal for DIR and DSP ICs.	
55	~DSPRST	0	Reset signal output terminal to DSP IC.	
56	CDTO/SCDO	ı	Serial data input terminal from DIR and DSP ICs.	
	INT1	ı	Input terminal to detect the status of DIR IC.	
58	INT0	1	Input terminal to detect the unlock of DIR IC.	
59	~DIRPD	0	Power down terminal to DIR and CODEC ICs.	
60	RESET	1	Reset input terminal	
	POFF	ı	Power failure detection input terminal	
64	~INTREQ		Interrupter input terminal from DSP IC.	
65	PROTHERM	ı	Theraml detector input	
66	~RDSCLK	ı	RDS clock input terminal (European model only)	
69	X2		Connect the ceramic oscillator 12.5MHz.	
70	X1		Connect the ceramic oscillator 12.5MHz.	
71	TEST/VPP		Test terminal.	
72,3	XT2,XT1		Not used.	
	RDSDATA	I	Data input terminal of RDS broadcast (European model only)	
77	RDSSIG	Ι	Input terminal to check the signal of RDS broadcast (European model only)	

TERMINAL DESCRIPTION

SUB MICROPROCESSOR

Pin No.	Symbol	I/O	Description	Pin No.	Symbol	I/O	Description
1	VDD		Power supply terminal. Connect to 5V.	41	P22	0	Segment output terminal of P22.
2	VSS		Ground terminal.	42	P21	0	Segment output terminal of P21.
3	X1		Ceramic oscillator connection terminals for main system.		P20	0	Segment output terminal of P20.
4	X2		Connect the 5MHz ceramic oscillator between #3 and #4.	44	P19	0	Segment output terminal of P19.
5	IC/VPP		Internal connection terminal	45	P18	0	Segment output terminal of P18.
6	~RESET	ı	System reset signal input terminal.	46	P17	0	Segment output terminal of P17.
7	SUBCL/SCK	ı	Clock input terminal to transmit the signal from main microprocessor.	47	P16	0	Segment output terminal of P16.
8	SUBDO/SDI	ı	Data input terminal to transmit the signal from main microprocessor.	48	P15	0	Segment output terminal of P15.
9	SUBDI/SDD	0	Data output terminal to transmit the signal to main microprocessor.	49	P14	0	Segment output terminal of P14.
10	SUBLDY	0	Data ready output terminal to transmit to the main microprocessor.	50	P13	0	Segment output terminal of P13.
11	VBJ	- 1	Pulse input terminal from the rotary encoder of volume.	51	P12	0	Segment output terminal of P12.
12	VAJ		Pulse input terminal from the rotary encoder of volume.	52	P11	0	Segment output terminal of P11.
13	SSCBJ		Not used.	53	P10	0	Segment output terminal of P10.
14	SSCAJ		Not used.	54	P9	0	Segment output terminal of P9.
15	~IRIN	- 1	Not used.	55	P8	0	Segment output terminal of P8.
16	~IRF	ı	Signal input terminal from the remote controller.	56	P7	0	Segment output terminal of P7.
17	STBYLED	0	Standby LED control output terminal.	57	P6	0	Segment output terminal of P6.
18	AVSS		Ground terminal for A/D converter.	58	P5	0	Segment output terminal of P5.
19	K3	- 1	Operation key connection terminal.	59	VDD2		Power supply terminal. Apply +5V.
20	K2	- 1	Operation key connection terminal.	60	VLOAD		Negative power supply terminal of FL controller.
21	K1		Operation key connection terminal.	61	P4	0	Segment output terminal of P4.
22	K0	- 1	Operation key connection terminal.	62	P3	0	Segment output terminal of P3.
23	VSS0		Ground terminal	63	P2	0	Segment output terminal of P2.
24	AVDD		Power supply terminal for A/D converter.	64	P1	0	Segment output terminal of P1.
25	VDDD		Power supply terminal. Apply +5V.	65	16G	0	Grid output terminal of 16G.
26	~SYSIN		System code input terminal.	66	15G	0	Grid output terminal of 15G.
27	~SYSOUT	0	System code output terminal.	67	14G	0	Grid output terminal of 14G.
28	P35	0	Segment output terminal of P35.	68	13G	0	Grid output terminal of 13G.
29	P34	0	Segment output terminal of P34.	69	12G	0	Grid output terminal of 12G.
30	P33	0	Segment output terminal of P33.	70	11G	0	Grid output terminal of 11G.
31	P32	0	Segment output terminal of P32.	71	10G	0	Grid output terminal of 10G.
32	P31	0	Segment output terminal of P31.	72	9G	0	Grid output terminal of 9G.
33	P30	0	Segment output terminal of P30.	73	8G	0	Grid output terminal of 8G.
34	P29	0	Segment output terminal of P29.	74	7G	0	Grid output terminal of 7G.
35	P28	0	Segment output terminal of P28.	75	6G	0	Grid output terminal of 6G.
36	P27	0	Segment output terminal of P27.	76	5G	0	Grid output terminal of 5G.
37	P26	0	Segment output terminal of P26.	77	4G	0	Grid output terminal of 4G.
38	P25	0	Segment output terminal of P25.	78	3G	0	Grid output terminal of 3G.
39	P24	0	Segment output terminal of P24.	79	2G	0	Grid output terminal of 2G.
40	P23	0	Segment output terminal of P23. Page 45	80	1G	0	Grid output terminal of 1G.

ADJUSTMENT AND CONFIRMATION PROCEDURES 1

Idling current adjustment

Before Idling adjustment, turn the trimming resistors R6040,R6041,R6042,R6043 and R6044 to counter clockwise.

Connect the DC voltmeter to sockets P6080, P6081, P6082, P6083, P6084 and P6085.

After turn POWER to ON, adjust the trimming resistors R6040,R6041 and R6042 so that the reading of voltmeter becomes 2.5 mV. (Front and center channels)

Adjust the trimming resistors R6043, R6044 and R6045 so that the reading of

voltmeter becomes 1.5 mV. (Surround and surround back channels)

After adjustment, attach the top cover.

Confirm the voltage of points above after about five minutes.

Front and center channels

When less than 7.0 mV, readjust the resistors above so that the voltage becomes 7.0 mV.

When 7.0 mV to 9.0 mV, you are not necessary to adjust.

When more than 9.0 mV, readjust the resistors above so that the voltage becomes 9.0 mV.

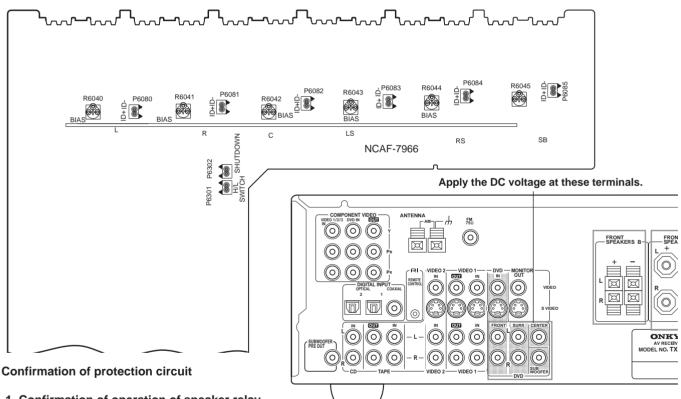
Surround and surround back channels

When less than 4.0 mV, readjust the resistors above so that the voltage becomes 4.0 mV.

When 4.0 mV to 6.0 mV, you are not necessary to adjust.

When more than 6.0 mV, readjust the resistors above so that the voltage becomes 6.0 mV.

Note: No load and No signal



1. Confirmation of operation of speaker relay

Confirm that the speaker relays turn ON approximate. 5 seconds after the power switch is turned ON. Confirm that the speaker relays turn OFF immediately after the power switch is turned OFF.

2. Confirmation of DC detection circuit

Press and hold down CD button, then press STANDBY/ON and DVD buttons to set the unit to "TEST-1" mode.

After "TEST-1" on the FL tube light on, press SPEAKER B button to set the unit to "TEST-1-00".

Apply DC 1.5 to 3V to DVD INPUT terminal with no load.

Confirm that the speaker relay turns OFF.

Apply DC -1.5 to -3V to DVD INPUT terminal with no load.

Confirm that the speaker relay turns OFF.

Caution: Don't apply DC voltage more than 1 sec..

Note: When surroun back channel, confirm at "TEST-1-01".

ADJUSTMENT AND CONFIRMATION PROCEDURES 2

3. Confirmation of Current detection circuit

Set the unit to "TEST-1-00".

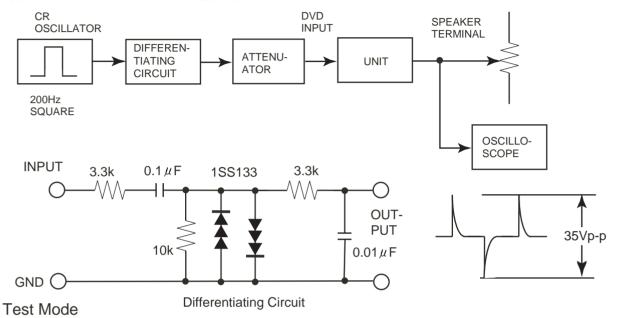
Connect the differentiating circuit and apply the 200Hz square signal to DVD INPUT terminal of each channel

Adjust the attenuator or Volume so that the output level becomes 35V p-p.

Confirm that the speaker relay does not turn OFF when a 3.0 ohm load is connected.

Confirm that the speaker relay turn on when a 1.5 ohm load is connected.

Caution:Don't continue more than 3 seconds.

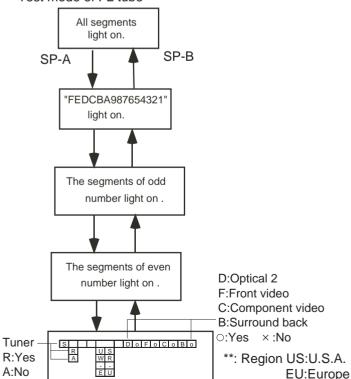


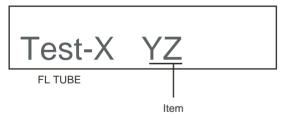
- 1. Turn POWER button on.
- 2. Press and hold down CD button, then press STANDBY/ON button.
- 3. After "TEST-" on the FL tube is displayed, press CD button to set the unit to the test mode of FL tube.

 Note: DVD:TEST-1 VIDEO 1:TEST-2 SP-B or SUBWOOFER MODE: UP

 VIDEO 2:TEST-3 VIDEO 3:TEST-4 SP-A or DIGITAL INPUT: DOWN

Test mode of FL tube





Confirmation of voltage sensor and thermal protect

- 1. Set the unit to TEST-3-03.
- 2. Apply the signal 1kHz, -15dBV to the DVD terminal input. Confirm that the FM STEREO on FL tube light on. Confirm the all channels except SUBWOFFER.
- 3. When connect the resistor 2.7 kohm/1 W between the terminals COM and TH1 of P6301, confirm that "MEMORY" light on.

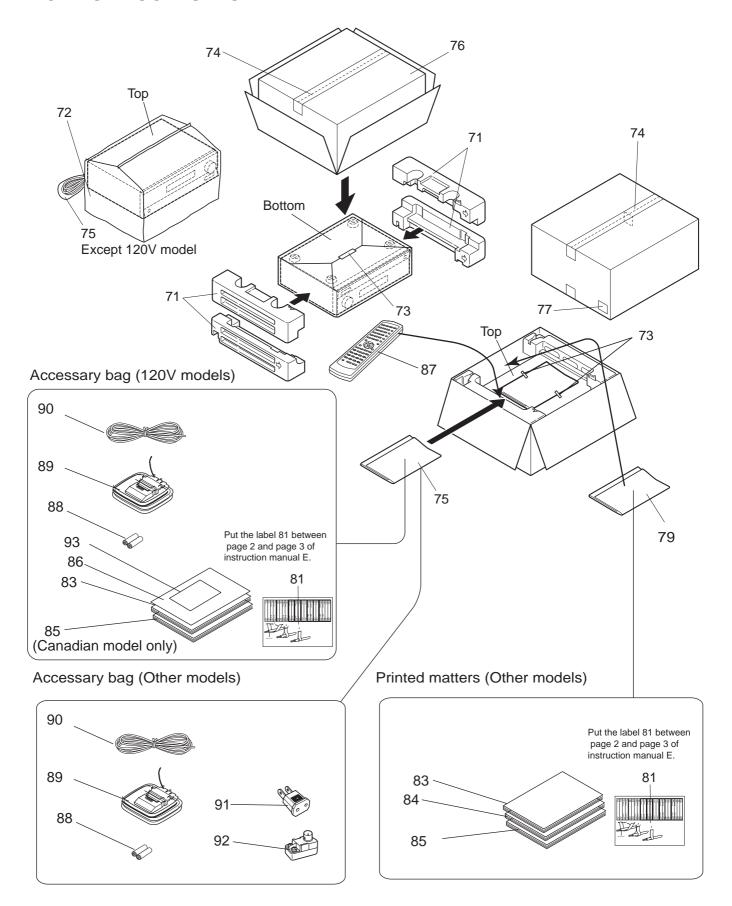
Note: No input signal. Except 120V model. 4.When set the unit to "TEST-4-33,confirm that the speaker relays of RL6901 and RL6902 turn off.

Note: No input signal.

WR:Other models Page 47

Press POWER button to finish the test mode of FL tube.

PACKING PROCEDURES



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PRINTED CII	RCUIT BOARD-	PARTS LIST	
	board (NADIS-7403-2		
CIRCUIT NO.	PART NO.	DESCRIPTION	
07504	FL tube	LINIA AOMMOOT	
Q7501	212229	HNA-16MM39T	
U7501	Sensor 241341	SPS-444-1-E1,Remote control	
07301	IC	or o-444-1-E1, itemote control	
Q7502	22241571R3	MPD780232GC-030-8BT	
<u> </u>	Transistors	510020200	
Q7503	2216175R2 or	KTC3875-GR or	
	2213145R2	2SC2712-GR	
Q7504	2216230R2 or	KRA103S or	
	2214540R2	RN2403	
Q7506	2216190R2 or	KRC102S or	
	2214470R2 Diodes	RN1402	
D7501	224550820R2,	UDZS8.2B,	
D7301	224490820R2 or	UDZ8.2B or	
	224660824R2	HZU8.2B,Zener	
D7502	224550510R2,	UDZS5.1B,	
	224490510R2 or	UDZ5.1B or	
	224660514R2	HZU5.1B,Zener	
D7503,D7507	223269R2 or	1SS355 or	
	223234R2	1SS352	
D7505	225290	SEL4110R,LED	
1 = = 0.4 : = = - 2 =	Choke coils	1000 4477	
L7504,L7505	231237K220R2	NCH-1477	
V7504	Oscillator	COTT COMON O	
X7501	3010242	CST5.00MGW,Ceramic	
C7502	Capacitors 355783309	CE04W50V-33M,Elect.	
C7502 C7514	394621017 or	CE04W6.3V-100M(VR) or	
07314	394721017	CE04W6.3V100M(SC),Elect.	
C7521	355722219	CE04W6.3V-220M,Elect.	
0.02.1	Rotary encoder	OLO IVIGIO V ZEOM, ZIOOU	
S7501	25065627	EC12E2425	
	Push switches		
S7611~S7613	25035718,	NPS-111-S681,	
S7621~S7627	25035699 or	NPS-111-S662 or	
S7631~S7637	25035714	NPS-111-S677	
S7641~S7647	25035718,	NPS-111-S681,	
	25035699 or	NPS-111-S662 or	
	25035714	NPS-111-S677	
II 7501 A	Sockets 25051107	NSCT-3P894	
JL7501A JL7502A	25051107	NSCT-5P896	
P7502A	25051103 25051892 or	NSCT-10P1679 or	
	25052477	NSCT-10P2374	
P7503A	25052054 or	NSCT-8P1841 or	
	25051852	NSCT-8P1639	
	Holder		
Q7501A	27190989A	(FL)	
	C board (NASW-7404		
CIRCUIT NO.	PART NO.	DESCRIPTION	
97614 97640	Push switches	NDC 111 C601	
S7614~S7616	25035718, 25035699 or	NPS-111-S681, NPS-111-S662 or	
	25035714	NPS-111-S677	
	Socket	1 0 111 0011	
JL7501B	25051107	NSCT-3P894	
Headphone termi	nal PC board (NAETC	-7405-2A/2B)	
CIRCUIT NO.	PART NO.	DESCRIPTION	
P7501	25045724	YKB21-5005,Headphone	
JL7502B	25051109	NSCT-5P896,Socket	
	1,010===	(27)	
	pard (NAETC-7406-2A		
CIRCUIT NO.	PART NO.	DESCRIPTION NR L ZDDD 477 Torming L	
P251	25045680	NPJ-7PDB477,Terminal	
P253B P261B	2009990578UL 2009990513UL	NSAS-10P0787,Socket NSAS-6P0675,Socket	
1 2010	20033303130L	INOMOTOR OUTO, OUCKEL	

	oard (NADG-7821-1A/1I	
CIRCUIT NO.	PART NO.	DESCRIPTION
	ICs	
Q181	22241297R2	BU1923F <p></p>
Q301	22241761R3	BD3811K1
Q302,Q305	22241383R2,	NJM4565M-D,
	22240489R1NE or	MPC4570G2-T1(MST) or
	22240581R2	NJM4565M
Q321	222780073R2	78L07(SMT)
Q322	222790073R2	79L07(SMT)
Q323	22241785R2	BD3812F
Q6402,Q6405	222780125	78M12HF
Q6403	222790125	79M12HF
Q6406	222780055	78M05HF
Q7002	22274541ER2TO or	TC74VHC541FT or
	22274541IR2TI	SN74AHC541PWR
Q7003	222740077R2TO	TC74HCT7007AF
Q7004	22241778R2	BA33C25FP
Q7008	22241970R3,	MPD784225GC-222-8BT,
	22241968R3 or	MPD784225GC-220-8BT or
	22241969R3	MPD784225GC-221-8BT
Q701	22241788R2	CS493292-CLR(6.1ch)
Q702	22241706K2 22241795R3	MX27L2000(TX-SR600)
Q702 Q704,Q705	22274574ER2TO or	
<i>₩104,₩10</i> 0	22274574ER2TU 01	SN74AHC574PWR
0707	22240935R2	TC7WU04FU
Q707		
Q801	22241620R3	AK4586
Q802~Q804	22241383R2,	NJM4565M-D,
	22240489R1NE or	MPC4570G2-T1(MST) or
	22240581R2	NJM4565M
Q805	22241929R2	AK4384
	Transistors	
Q101	2216175R2 or	KTC3875-GR or
	2213145R2	2SC2712-GR <p></p>
Q306	2214530R2 or	RN2402 or
	2216220R2	KRA102S
Q307,Q308	2215410R2	RN1441
Q312,Q313	2215410R2	RN1441
Q7001	2214490R2 or	RN1404 or
	2216210R2	KRC104S
Q7006,Q7007	2214490R2 or	RN1404 or
4,000,4,000	2216210R2	KRC104S
Q9501	2211455	2SA1015-GR
Q 0001	Diodes	25/11010 GIV
D7001~D7004	223234R2 or	1SS352 or
D801,D802	223269R2	1SS355
D7702	224660624R2.	HZU6.2B,
D1102	, , ,	· · · · · · · · · · · · · · · · · · ·
	224490620R2 or	UDZ6.2B or
D0502 D0507	224550620R2	UDZS6.2B,Zener
D9502~D9507	22380260,	RL1N4003,
D9509~D9512	22380032 or	1SR139-100 or
D0500	22380035	GP104003E
D9508	224662704R2,	HZU27B,
	224492700R2 or	UDZ27B or
	224552700R2	UDZS27B,Zener
	Choke coils	
L181	231237K220R2 or	NCH-1477 or
	233533K220R2	NCH-1587-220K <p></p>
L7001,L703	231237K470R2 or	NCH-1479 or
	233533K470R2	NCH-1587-470K
L7002,L701	231237M022R2 or	NCH-1471 or
L702,L704	233533K022R2	NCH-1587-022K
L705,L706	230958R1	BK1608LM182-T
L801~L804	231237M022R2 or	NCH-1471 or
L806	233533K022R2	NCH-1587-022K
L805	230958R1	BK1608LM182-T
L000		DIXTOUGLISHTUZ-T
V101	Oscillators	UC 40/U024 222MU≂ or
X181	3010321 or	HC-49/U034.332MHz or
V7004	3010345	HQS-3H2-04332-20,Crystal <p></p>
X7001	3010361R2	CSTCE12M5G52-R0,Ceramic
X701	3010324R2	CSTCV12.2MTJ0C4,Ceramic

CIRCUIT NO.	PART NO.	DESCRIPTION
	Capacitors	
C101,C103	394780337 or	CE04W50V3.3M(SC) or
_	394680337	CE04W50V-3.3M(VR),Elect.
C181	394780227 or	CE04W50V2.2M(SC) or
0404	394680227	CE04W50V-2.2M(VR),Elect. <p></p>
C184	354724709T	CE04W6.3V-47M, Elect. <p></p>
C300,C301	374721015	ECQ-B50V-101K,Plastic film <d></d>
C220 C224	374724714	ECQ-B50V-471J,Plastic film <o></o>
C329~C334 C335,C336	393341007 373043324R2	CE04W16V-10M(VX),Elect. ECHU16V-332J,Chip film
C338,C340	373045634R2	ECHU16V-563J.Chip film
C347,C348	394741017 or	CE04W16V100M(SC) or
C347,C346	394641017	CE04W16V-100M(VR),Elect.
C349	393341007	CE04W16V-100M(VX),Elect.
C353,C354	393344707	CE04W16V-47M(VX),Elect.
C358	393344707	CE04W16V-47M(VX),Elect.
C359,C362	394741007 or	CE04W16V10M(SC) or
0000,0002	394641007	CE04W16V-10M(VR),Elect.
C363,C364	393341007	CE04W16V-10M(VX),Elect.
C6401	374721044	ECQ-B50V-104J,Plastic film
C6404,C6406	394741007 or	CE04W16V10M(SC) or
C6410,C6412	394641007	CE04W16V-10M(VR),Elect.
C7001	3000078,	DX-5R5L104,
	3000120 or	FMC0H104Z or
	3000121	SCDA5R5104A,Super
C7002,C7005	394721017 or	CE04W6.3V100M(SC) or
	394621017	CE04W6.3V-100M(VR),Elect.
C7004	394780107 or	CE04W50V1.0M(SC) or
	394680107	CE04W50V-1M(VR),Elect.
C7011,C7012	394744707 or	CE04W16V47M(SC) or
C7015	394644707	CE04W16V-47M(VR),Elect.
C706,C716	394721017 or	CE04W6.3V100M(SC) or
0.00	394621017	CE04W6.3V-100M(VR),Elect.
C801,C810	394744707 or	CE04W16V47M(SC) or
0000	394644707	CE04W16V-47M(VR),Elect.
C806	394724717 or	CE04W6.3V470M(SC) or
C000 C000	394624717	CE04W6.3V-470M(VR), Elect.
C809,C820	394741007 or	CE04W16V10M(SC) or
C010	394641007	CE04W16V-10M(VR),Elect.
C810	394744707 or 394644707	CE04W16V47M(SC) or CE04W16V-47M(VR),Elect.
C822	394722217 or	CE04W6.3V220M(SC) or
C022	394622217	CE04W6.3V220M(VR),Elect.
C832~C837	393341007	CE04W16V-10M(VX),Elect.
C841	373048224R2	ECHU16V-822J,Chip film
C849	373041534R2	ECHU16V-153J,Chip film
C852,C853	374721524	ECQ-B50V-152J,Plastic film
C854	393341007	CE04W16V-10M(VX),Elect.
C855	393344707	CE04W16V-47M(VX),Elect.
C856~C860	393341007	CE04W16V-10M(VX),Elect.
C863	393341007	CE04W16V-10M(VX),Elect.
C9501~C9503	374721044	ECQ-B50V-104J,Plastic film
C9505	394762227 or	CE04W35V2200M(SC) or
	394662227	CE04W35V-2200M(VR),Elect.
C9506	394764717 or	CE04W35V470M(SC) or
	394664717	CE04W35V-470M(VR),Elect.
C9507	394762217 or	CE04W35V220M(SC) or
	394662217	CE04W35V-220M(VR),Elect.
C9508	394744727 or	CE04W16V4700M(SC) or
	394644727	CE04W16V-4700M(VR),Elect.
C9510	394672217	CE04W63V-220M(VR),Elect.
D0400	Resistors	
R6402	442521004	RS1/2WBJ-10,Metal oxide
R6403	442523304	RS1/2WBJ-33,Metal oxide
R6407	452630334	RNU1WCJ-3.3,Metal
R6410	453530224	RNU1/2WCJ-2.2,Metal
R9506	443522204	RS1/2WBJ-22,Metal oxide
	Terminals	ND LCDDDW000
D204 D204		NPJ-6PDRW386 or
P301,P304	25045571 or	
,	25045300	NPJ-6PDBL159
P301,P304 P305 P351		

CIRCUIT NO.	PART NO.	1	DESCRIPTION
	Sockets	1	
P101	25052211 or		NSCT-15P2108 or
	25052024		NSCT-15P1811
P306	2009990825UL		NSAS-26P1207
P7502B	25052576R2		NSCT-10P2473
	Plugs		
P261A	25055133		NPLG-3P117
P410B	25055707		NPLG-11P663
P411B	25055706		NPLG-10P662
P412B	25055704		NPLG-8P660
P801	25055711		NPLG-15P667
OC400D	Heat sink		DAD 400
Q6402B	27160526		RAD-183
Q6402A,Q6405A	Screws 82143010	 	3P+10FN(BC),Pan head
Q6406A	82143010		3P+10FN(BC),Fair flead
QU400A	02143010		or From N(BO), rainnead
Driver circuit PC bo	oard (NAAF-7830-	1A/1B	
CIRCUIT NO.	PART NO.	1, 4, 12,	DESCRIPTION
	Transistors		
Q5000~Q5005	2215896,	*	KTC3200-BL,
Q5010~Q5015	2210755,	*	2SC1775A-E,
	2210756 or	*	2SC1775A-F or
	2211733	*	2SC1845-E
Q5030~Q5035	2215844,		KTA1024-Y,
	2211353,		2SA949-O,
	2211354 or		2SA949-Y or
	2215843		KTA1024-O
Q5040~Q5045	2215854,		KTC3206-Y,
	2211633,		2SC2229-O,
	2211634 or		2SC2229-Y or
05050 05055	2215853		KTC3206-O
Q5050~Q5055	2215864,		KTC3199-GR,
	2212115,		2SC2458-GR,
	2213284 or 2213285	 	2SC1740S-R or 2SC1740S-S
	Diodes		23017403-3
D5000~D5005	224470562		MTZJ5.6B
D0000 D0000	Capacitors		W1200.05
C5000~C5005	374721015	1	ECQ-B50V-101K,Plastic film
C5010~C5015	393342207	1	CE04W16V-22M(VX),Elect.
C5020~C5025	394681007		CE04W50V-10M(VR),Elect.
C5040,C5041	393342217		CE04W16V-220M(VX),Elect.
C5042~C5045	393342217		CE04W16V-220M(VX),Elect.
C5050~C5055	394684707		CE04W50V-47M(VR),Elect.
C5100~C5105	394671007		CE04W63V-10M(VR),Elect.
C5110~C5115	394671007		CE04W63V-10M(VR),Elect.
	Resistors		
R5160~R5165	415471214		R25J-120,NF carbon
R5170~R5175	415471214		R25J-120,NF carbon
R5180~R5185	415471004		R25J-10,NF carbon
R5190~R5195	415471004		R25J-10,NF carbon
	Caster	i	,
DECOOL DECOE	Sockets		NSCT 5D2105
P6000A~P6005A	25052288		NSCT-5P2185
P6000A~P6005A P6011A	25052288 25052293		NSCT-5P2185 NSCT-10P2190
P6011A	25052288 25052293 Plug		NSCT-10P2190
	25052288 25052293 Plug 25055376		
P6011A P306A	25052288 25052293 Plug 25055376 Bus bar		NSCT-10P2190 NPLG-12P359
P6011A	25052288 25052293 Plug 25055376		NSCT-10P2190
P6011A P306A P5001	25052288 25052293 Plug 25055376 Bus bar 27141867	7831-1	NSCT-10P2190 NPLG-12P359 BBL40
P6011A P306A	25052288 25052293 Plug 25055376 Bus bar 27141867	7831-1	NSCT-10P2190 NPLG-12P359 BBL40
P5001 P5001 Component video F	25052288 25052293 Plug 25055376 Bus bar 27141867 PC board (NAVD-	7831-1	NSCT-10P2190 NPLG-12P359 BBL40 A/1B)
P5001 P5001 Component video F	25052288 25052293 Plug 25055376 Bus bar 27141867 PC board (NAVD-	7831-1	NSCT-10P2190 NPLG-12P359 BBL40 A/1B)
P5001A P5001 Component video F CIRCUIT NO.	25052288 25052293 Plug 25055376 Bus bar 27141867 PC board (NAVD- PART NO.	7831-1	NSCT-10P2190 NPLG-12P359 BBL40 A/1B) DESCRIPTION
P5001A P5001 Component video F CIRCUIT NO.	25052288 25052293 Plug 25055376 Bus bar 27141867 PC board (NAVD- PART NO. Transistor 2215864,	7831-1.	NSCT-10P2190 NPLG-12P359 BBL40 A/1B) DESCRIPTION KTC3199-GR,
P5001A P5001 Component video F CIRCUIT NO.	25052288 25052293 Plug 25055376 Bus bar 27141867 PC board (NAVD- PART NO. Transistor 2215864, 2212115, 2213284 or 2213285	7831-1.	NSCT-10P2190 NPLG-12P359 BBL40 A/1B) DESCRIPTION KTC3199-GR, 2SC2458-GR,
P5001 Component video F CIRCUIT NO.	25052288 25052293 Plug 25055376 Bus bar 27141867 PC board (NAVD- PART NO. Transistor 2215864, 2212115, 2213284 or 2213285 Diode	7831-1	NSCT-10P2190 NPLG-12P359 BBL40 A/1B) DESCRIPTION KTC3199-GR, 2SC2458-GR, 2SC1740S-R or 2SC1740S-S
P5001A P5001 Component video F CIRCUIT NO.	25052288 25052293 Plug 25055376 Bus bar 27141867 PART NO. Transistor 2215864, 2212115, 2213284 or 2213285 Diode 223163 or	7831-1	NSCT-10P2190 NPLG-12P359 BBL40 A/1B) DESCRIPTION KTC3199-GR, 2SC2458-GR, 2SC1740S-R or 2SC1740S-S 1SS133 or
P6011A P306A P5001 Component video F CIRCUIT NO.	25052288 25052293 Plug 25055376 Bus bar 27141867 PART NO. Transistor 2215864, 2212115, 2213284 or 2213285 Diode 223163 or 223205	7831-1	NSCT-10P2190 NPLG-12P359 BBL40 A/1B) DESCRIPTION KTC3199-GR, 2SC2458-GR, 2SC1740S-R or 2SC1740S-S
P6011A P306A P5001 Component video F CIRCUIT NO. Q241	25052288 25052293 Plug 25055376 Bus bar 27141867 PART NO. Transistor 2215864, 2212115, 2213284 or 2213285 Diode 223163 or 223205 Relays	7831-1	NSCT-10P2190 NPLG-12P359 BBL40 A/1B) DESCRIPTION KTC3199-GR, 2SC2458-GR, 2SC1740S-R or 2SC1740S-S 1SS133 or 1SS270A
P6011A P306A P5001 Component video F CIRCUIT NO.	25052288 25052293 Plug 25055376 Bus bar 27141867 PART NO. Transistor 2215864, 2212115, 2213284 or 2213285 Diode 223163 or 223205	7831-1	NSCT-10P2190 NPLG-12P359 BBL40 A/1B) DESCRIPTION KTC3199-GR, 2SC2458-GR, 2SC1740S-R or 2SC1740S-S 1SS133 or

	1			\neg
CIRCUIT NO.	PART NO.		DESCRIPTION	
D044	Terminal		ND LODDOLDE40	
P241	25045731		NPJ-9PDGLR519	
D0.40.4	Sockets		NOOT 00D0440	
P242A	25052216		NSCT-20P2113	
P243B	25051526		NSCT-4P1313	
Canatant valtana air	ouit DC board (N	AFTC	7022 4 A (4 D)	
Constant voltage cir CIRCUIT NO.	PART NO.		DESCRIPTION	_
CIRCUIT NO.	IC		DESCRIPTION	
Q6931	222780565JRC		78M56(NJM78M56FA)	_
Q0331	Diodes		7 ONISO(NSINI7 ONISOT A)	
D6932,D6933	22380260 or		RL1N4003 or	
D6932,D0933	22380035		GP104003E	
D0932 0I	Capacitors		GF 104003L	-
C6931	394651027 or		CE04W25V-1000M(VR) or	
C0931	394751027 OI		CE04W25V1000M(VK) 01 CE04W25V1000M(SC),Elect.	
C6933	394641007 or		CE04W16V-10M(VR) or	
C0933	394741007		CE04W16V10M(SC),Elect.	
	Resistor		CLO4VV TOV TOIVI(SC), LIECT.	
R6935	441721214		RS2WBJ-120,Metal oxide	
110300	Sockets		INOCYVEDO-TZO,IVICIAI OXIUE	-
JL9501A	25051111		NSCT-7P898	\dashv
P410A	25051111		NSCT-7P096 NSCT-11P1026	\dashv
P410A P411A	25051235		NSCT-11P1026 NSCT-10P1025	-
P6931A	25051235		NSCT-10P1025 NSCT-16P1314	-
P7503B	25051527		NSCT-8P2138,	\dashv
ו וטטטט	25052241,		NSCT-8P1101,	-
	25051312, 25051852 or		NSCT-8P1101, NSCT-8P1639 or	\dashv
	25051052 01		NSCT-8P1841	
	23032034		N3C1-0F 1041	
Secondary circuit Po	C board (NABS-7	92 <i>1</i> _1 A	/1D)	
CIRCUIT NO.	PART NO.		DESCRIPTION	
CIRCUIT NO.	Resistors		DESORII TION	_
R9501	453530104		RNU1/2WCJ-1,Metal	_
R9502	453530104		RNU1/2WCJ-1,Metal	
R9503	453532294		RNU1/2WCJ-0.22,Metal	
R9521	453530394		RNU1/2WCJ-3.9,Metal <d></d>	
119021			RNU1/2WCJ-3.3,Metal <o></o>	
	453530334			
	453530334			
II 9501B	Socket		,	
JL9501B	+		NSCT-7P898	
	Socket 25051111	FTC-7	NSCT-7P898	
Speaker terminal PC	Socket 25051111 board ass'y (NA		NSCT-7P898 835-1A/1B)	
	Socket 25051111 board ass'y (NA PART NO.		NSCT-7P898	
Speaker terminal PC CIRCUIT NO.	Socket 25051111 board ass'y (NA PART NO. Diodes		NSCT-7P898 835-1A/1B) DESCRIPTION	
Speaker terminal PC CIRCUIT NO. D6600,D6601	Socket 25051111 board ass'y (NA PART NO. Diodes 223163,		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133,	
Speaker terminal PC CIRCUIT NO.	Socket 25051111 board ass'y (NA PART NO. Diodes		NSCT-7P898 835-1A/1B) DESCRIPTION	
Speaker terminal PC CIRCUIT NO. D6600,D6601	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or	
Speaker terminal PC CIRCUIT NO. D6600,D6601	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o></o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J,Plastic film</o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J,Plastic film</o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604 C6840~C6845	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224 Relays		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J,Plastic film ECQ-B50V-222J,Plastic film <o></o></o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604 C6840~C6845 RL6600,RL6601	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224 Relays 25065563,		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J,Plastic film ECQ-B50V-222J,Plastic film <o> NRL-2P5A-DC24-129,</o></o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604 C6840~C6845 RL6600,RL6601	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224 Relays 25065563, 25065517 or		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J,Plastic film ECQ-B50V-222J,Plastic film <o> NRL-2P5A-DC24-129, NRL-2P5A-DC24-098 or</o></o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604 C6840~C6845 RL6600,RL6601	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224 Relays 25065563, 25065517 or 25065586		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J,Plastic film ECQ-B50V-222J,Plastic film <o> NRL-2P5A-DC24-129, NRL-2P5A-DC24-098 or</o></o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604 C6840~C6845 RL6600,RL6601 RL6603,RL6604	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224 Relays 25065563, 25065517 or 25065586 Terminals		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J,Plastic film ECQ-B50V-222J,Plastic film <o> NRL-2P5A-DC24-129, NRL-2P5A-DC24-098 or NRL-2P5A-DC24-142</o></o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604 C6840~C6845 RL6600,RL6601 RL6603,RL6604	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224 Relays 25065563, 25065517 or 25065586 Terminals 25060347		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J,Plastic film ECQ-B50V-222J,Plastic film <o> NRL-2P5A-DC24-129, NRL-2P5A-DC24-098 or NRL-2P5A-DC24-142 NTM-4PDMN278 <d></d></o></o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604 C6840~C6845 RL6600,RL6601 RL6603,RL6604 P6800 P6800	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224 Relays 25065563, 25065517 or 25065586 Terminals 25060347 25060316		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J,Plastic film ECQ-B50V-222J,Plastic film <o> NRL-2P5A-DC24-129, NRL-2P5A-DC24-098 or NRL-2P5A-DC24-142 NTM-4PDMN278 <d> NTM-4PDMN278 <c> NTM-4PDMN278 <c> NTM-4PDMN274 <o></o></c></c></d></o></o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604 C6840~C6845 RL6600,RL6601 RL6603,RL6604 P6800 P6800 P6800 P6801	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224 Relays 25065563, 25065517 or 25065586 Terminals 25060347 25060316 25060317		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J,Plastic film ECQ-B50V-222J,Plastic film <o> NRL-2P5A-DC24-129, NRL-2P5A-DC24-098 or NRL-2P5A-DC24-142 NTM-4PDMN278 <d> NTM-4PDMN278 <o> NTM-4PDMN247 <o> NTM-4PDML248</o></o></d></o></o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604 C6840~C6845 RL6600,RL6601 RL6603,RL6604 P6800 P6800 P6800 P6801 P6802	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224 Relays 25065563, 25065517 or 25065586 Terminals 25060347 25060317 25060348		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J,Plastic film ECQ-B50V-222J,Plastic film <o> NRL-2P5A-DC24-129, NRL-2P5A-DC24-129, NRL-2P5A-DC24-142 NTM-4PDMN278 <d> NTM-4PDMN278 <o> NTM-4PDMN247 <o> NTM-4PDML248 NTM-8PDMN279 <d></d></o></o></d></o></o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604 C6840~C6845 RL6600,RL6601 RL6603,RL6604 P6800 P6800 P6800 P6801 P6802	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224 Relays 25065563, 25065517 or 25065586 Terminals 25060347 25060317 25060348 25060349		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J,Plastic film ECQ-B50V-222J,Plastic film <o> NRL-2P5A-DC24-129, NRL-2P5A-DC24-129, NRL-2P5A-DC24-142 NTM-4PDMN278 <d> NTM-4PDMN278 <o> NTM-4PDMN247 <o> NTM-4PDML248 NTM-8PDMN279 <d></d></o></o></d></o></o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604 C6840~C6845 RL6600,RL6601 RL6603,RL6604 P6800 P6800 P6800 P6801 P6802 P6802	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224 Relays 25065563, 25065517 or 25065586 Terminals 25060347 25060317 25060348 25060349 Sockets		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J,Plastic film ECQ-B50V-222J,Plastic film <o> NRL-2P5A-DC24-129, NRL-2P5A-DC24-129, NRL-2P5A-DC24-098 or NRL-2</o></o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604 C6840~C6845 RL6600,RL6601 RL6603,RL6604 P6800 P6800 P6800 P6801 P6802 P6802	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224 Relays 25065563, 25065563, 25065517 or 25060347 25060347 25060347 25060348 25060349 Sockets 25050270		NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J,Plastic film ECQ-B50V-222J,Plastic film <o> NRL-2P5A-DC24-129, NRL-2P5A-DC24-129, NRL-2P5A-DC24-098 or NRL-2</o></o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604 C6840~C6845 RL6600,RL6601 RL6603,RL6604 P6800 P6800 P6800 P6801 P6802 P6802 JL6803B~JL6805B	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224 Relays 25065563, 25065563, 25065517 or 25060347 25060347 25060347 25060348 25060349 Sockets 25050270	A/1B)	NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J, Plastic film ECQ-B50V-222J, Plastic film <o> NRL-2P5A-DC24-129, NRL-2P5A-DC24-129, NRL-2P5A-DC24-142 NTM-4PDMN278 <d> NTM-4PDMN278 <d> NTM-4PDMN278 <o> NTM-4PDMN279 <d> NTM-4PDMN279 <d> NTM-8PDMN279 <d> NTM-8PDMN279 <o> NTM-8PDMN280 <o> NSCT-6P98 DESCRIPTION</o></o></d></d></d></o></d></d></o></o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604 C6840~C6845 RL6600,RL6601 RL6603,RL6604 P6800 P6800 P6800 P6801 P6802 P6802 JL6803B~JL6805B	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224 Relays 25065563, 25065517 or 25065586 Terminals 25060347 25060347 25060348 25060349 Sockets 25050270	A/1B)	NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J, Plastic film ECQ-B50V-222J, Plastic film <o> NRL-2P5A-DC24-129, NRL-2P5A-DC24-098 or NRL-2P5A-DC24-142 NTM-4PDMN278 <d> NTM-4PDMN278 <d> NTM-4PDMN278 <o> NTM-4PDMN248 NTM-8PDMN279 <d> NTM-8PDMN279 <d> NTM-8PDMN280 <o> NSCT-6P98 DESCRIPTION NPLG-15P667, Plug</o></d></d></o></d></d></o></o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604 C6840~C6845 RL6600,RL6601 RL6603,RL6604 P6800 P6800 P6800 P6800 P6802 P6802 JL6803B~JL6805B Connector PC board CIRCUIT NO.	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224 Relays 25065563, 25065517 or 25065586 Terminals 25060347 25060347 25060316 25060349 Sockets 25050270 (NAETC-7838-1) PART NO.	A/1B)	NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J, Plastic film ECQ-B50V-222J, Plastic film <o> NRL-2P5A-DC24-129, NRL-2P5A-DC24-129, NRL-2P5A-DC24-142 NTM-4PDMN278 <d> NTM-4PDMN278 <d> NTM-4PDMN278 <o> NTM-4PDMN279 <d> NTM-4PDMN279 <d> NTM-8PDMN279 <d> NTM-8PDMN279 <o> NTM-8PDMN280 <o> NSCT-6P98 DESCRIPTION</o></o></d></d></d></o></d></d></o></o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604 C6840~C6845 RL6600,RL6601 RL6603,RL6604 P6800 P6800 P6800 P6800 P6802 P6802 JL6803B~JL6805B Connector PC board CIRCUIT NO. P206A	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224 Relays 25065563, 25065517 or 25065586 Terminals 25060347 25060316 25060317 25060348 25060349 Sockets 25050270 (NAETC-7838-1) PART NO. 25055711	A/1B)	NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J, Plastic film ECQ-B50V-222J, Plastic film <o> NRL-2P5A-DC24-129, NRL-2P5A-DC24-098 or NRL-2P5A-DC24-142 NTM-4PDMN278 <d> NTM-4PDMN278 <d> NTM-4PDMN278 <o> NTM-4PDMN248 NTM-8PDMN279 <d> NTM-8PDMN279 <d> NTM-8PDMN280 <o> NSCT-6P98 DESCRIPTION NPLG-15P667, Plug</o></d></d></o></d></d></o></o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604 C6840~C6845 RL6600,RL6601 RL6603,RL6604 P6800 P6800 P6800 P6800 P6802 P6802 JL6803B~JL6805B Connector PC board CIRCUIT NO. P206A P243A	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224 Relays 25065563, 25065586 Terminals 25060347 25060348 25060349 Sockets 25050270 (NAETC-7838-1/ PART NO. 25055804	A/1B)	NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J, Plastic film ECQ-B50V-222J, Plastic film <o> NRL-2P5A-DC24-129, NRL-2P5A-DC24-129, NRL-2P5A-DC24-142 NTM-4PDMN278 <d> NTM-4PDMN278 <d> NTM-4PDMN278 <o> NTM-4PDMN247 <o> NTM-4PDMN279 <d> NTM-8PDMN279 <d> NTM-8PDMN279 <d> NTM-8PDMN279 <o> NTM-8PDMN280 <o> NSCT-6P98 DESCRIPTION NPLG-15P667, Plug NPLG-4P760, Plug</o></o></d></d></d></o></o></d></d></o></o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604 C6840~C6845 RL6600,RL6601 RL6603,RL6604 P6800 P6800 P6800 P6800 P6802 P6802 JL6803B~JL6805B Connector PC board CIRCUIT NO. P206A P243A	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224 Relays 25065563, 25065586 Terminals 25060347 25060348 25060349 Sockets 25050270 (NAETC-7838-1/ PART NO. 25055804	A/1B)	NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J, Plastic film ECQ-B50V-222J, Plastic film <o> NRL-2P5A-DC24-129, NRL-2P5A-DC24-129, NRL-2P5A-DC24-142 NTM-4PDMN278 <d> NTM-4PDMN278 <d> NTM-4PDMN278 <o> NTM-4PDMN247 <o> NTM-4PDMN279 <d> NTM-8PDMN279 <d> NTM-8PDMN279 <d> NTM-8PDMN279 <o> NTM-8PDMN280 <o> NSCT-6P98 DESCRIPTION NPLG-15P667, Plug NPLG-4P760, Plug</o></o></d></d></d></o></o></d></d></o></o>	
Speaker terminal PC CIRCUIT NO. D6600,D6601 D6604 L6800~L6805 C6600,C6604 C6840~C6845 RL6600,RL6601 RL6603,RL6604 P6800 P6800 P6800 P6802 P6802 JL6803B~JL6805B Connector PC board CIRCUIT NO. P206A P243A	Socket 25051111 board ass'y (NA PART NO. Diodes 223163, 223205 or 223222 Coils 231176S Capacitors 374721034 374722224 Relays 25065563, 25065586 Terminals 25060347 25060348 25060349 Sockets 25050270 (NAETC-7838-1/ PART NO. 25055804	A/1B)	NSCT-7P898 835-1A/1B) DESCRIPTION 1SS133, 1SS270A or WG713A S-1.3C <o> ECQ-B50V-103J, Plastic film ECQ-B50V-222J, Plastic film <o> NRL-2P5A-DC24-129, NRL-2P5A-DC24-129, NRL-2P5A-DC24-142 NTM-4PDMN278 <d> NTM-4PDMN278 <d> NTM-4PDMN278 <o> NTM-4PDMN247 <o> NTM-4PDMN279 <d> NTM-8PDMN279 <d> NTM-8PDMN279 <d> NTM-8PDMN279 <o> NTM-8PDMN280 <o> NSCT-6P98 DESCRIPTION NPLG-15P667, Plug NPLG-4P760, Plug</o></o></d></d></d></o></o></d></d></o></o>	

Power amplifier P	C board (NAAF-7842	-1A/1B/1C/1D/1E/1F)
CIRCUIT NO.	PART NO.	DESCRIPTION
	Transistors	
Q6010~Q6015	2213284 or	2SC1740S-R or
	2213285	2SC1740S-S
Q6020~Q6025	2213284 or	2SC1740S-R or
	2213285	2SC1740S-S
Q6030~Q6035	2203434 or	KTD2061-Y or
00010 00015	2203010	2SC5171
Q6040~Q6045	2203424 or	KTB1369-Y or
00070 00075	2203000	2SA1930
Q6070~Q6075	2215896,	KTC3200-BL,
	2210755,	2SC1775A-E,
	2210756,	2SC1775A-F,
	2211732,	2SC1845-F,
	2211733 or 2215895	2SC1845-E or KTC3200-GR
Q6303	2215995,	KTA1267-GR,
Q0303	2213354 or	2SA933S-R or
	2213355	2SA933S-S
Q6313	2215995,	KTA1267-GR,
Q0313	2213354 or	2SA933S-R or
	2213355	2SA933S-S <o></o>
Q6601~Q6603	2215864,	KTC3199-GR,
~3001 Q 0000	2212115,	2SC2458-GR,
	2213284 or	2SC1740S-R or
	2213285	2SC1740S-S
Q6701,Q6702	2215896,	KTC3200-BL,
<u> </u>	2210755,	2SC1775A-E,
	2210756,	2SC1775A-F,
	2211732,	2SC1845-F,
	2211733 or	2SC1845-E or
	2215895	KTC3200-GR
Q6703	2215885,	KTA1268-GR,
	2211792,	2SA992-F,
	2211793 or	2SA992-E or
	2215886	KTA1268-BL
Q6901	2215864,	KTC3199-GR,
	2212115,	2SC2458-GR,
	2213284 or	2SC1740S-R or
	2213285	2SC1740S-S
Q921	2215864,	KTC3199-GR,
	2212115,	2SC2458-GR,
	2213284 or	2SC1740S-R or
	2213285	2SC1740S-S
	Diodes	
D6000~D6005	223163,	1SS133,
D6010~D6015	223205 or	1SS270A or
D6306,D6307	223222	WG713A
D6701,D6702	223163,	1SS133,
D6906	223205 or	1SS270A or
D6702 D6704	223222	WG713A
D6703,D6704 D6714	224470512 224470512	MTZJ5.1B
D6714 D6903,D6904	224470512	MTZJ5.1B <0> D5SBA20,
D0903,D0904	22380038 or	'
	22380274	RBV602 or RS603M-B42
	Capacitors	INGUUGIVI-D42
C6040~C6045	394684707	CE04W50V-47M(VR),Elect.
C6050~C6055	374722234	ECQ-B50V-223J,Plastic film
C6230~C6235	374724734	ECQ-V50V-473J,Plastic film
C6701,C6706	394621017 or	CE04W6.3V-100M(VR) or
	394721017	CE04W6.3V100M(SC),Elect.
C6704	394680107 or	CE04W50V-1M(VR) or
	394780107	CE04W50V1.0M(SC),Elect.
C6708	374722234	ECQ-B50V-223J,Plastic film
C6716	394621017	CE04W6.3V-100M(VR),Elect. <o></o>
C6901	3504351	CE69W56V10000M,Elect.
C6902	3504351	CE69W56V10000M,Elect.
C6903	374721044	ECQ-B50V-104J,Plastic film
C6904,C6905	374723344	ECQ-V50V-334J,Plastic film
C6906,C6907	374721044	ECQ-B50V-104J,Plastic film

CIRCUIT NO.	PART NO.	I	DESCRIPTION
CIRCUIT NO.	Resistors	ļ	DESCRIPTION
R6040~R6045	5210258		N06HR1KBC,Trimming
R6070~R6075	415471014		R25J-100,NF carbon
R6080~R6085	415470224		R25J-2.2,NF carbon
R6090~R6095	415470224		R25J-2.2,NF carbon
R6100~R6105	4800071,		RSS2WK-0.22,
K0100~K0103	4000171, 4000131 or	1	RGC22-0.22 OHMK or
		1	
DCOOL DCOOL	4500027		MPC708-2WK-0.22,Metal plate
R6230~R6235	453630824		RNU1WCJ-8.2,Metal
R6604,R6605	453530824		RNU1/2WCJ-8.2,Metal
R6850,R6851	443523914		RS1/2WBJ-390,Metal oxide
	Relays		
RL6901,RL6902	25065561,		NRL-1P5A-DC12-127,
	25065508,		NRL-1P10A-DC12-093,
	25065515 or		NRL-1P5A-DC12-096 or
	25065526		NRL-1P5A-DC12-102
	Fuse holders		
F6901A,F6901B	25052133	!	NSCT-1P2031
F6902A,F6902B	25052133	!	NSCT-1P2031
,	Sockets		
JL6402A	25051087	1	NSCT-3P874
JL6803A,JL6804A	25051110	1	NSCT-6P897
JL6805A	250511108		NSCT-4P895
JL6951A,JL6952A	25051109	1	NSCT-5P896
JL0931A,JL0932A		1	NOC 1-0F 090
DECOO DECOF	Plugs	-	NDLC 5D0060
P6000~P6005	25056010	-	NPLG-5P0960
P6011	25056015		NPLG-10P0965
P6080~P6085	25055038		NPLG-2P29
P6301	25055042		NPLG-3P32
P6931	25055805		NPLG-16P761
P931	25055701		NPLG-5P657
	Bar		
C6901A	27141817		(BUS)
	Label		
F6901C	29362800		T8AL250V,Fuse <o></o>
Power switch PC bo	oard (NASW-7843	3-1B/1D)/1E/1F)
Power switch PC bo		3-1B/1D I	
CIRCUIT NO.	PART NO.	3-1B/1D	DESCRIPTION
		3-1B/1D !	
CIRCUIT NO. S906	PART NO. 25035702	!	DESCRIPTION NPS-121-L665P,Switch <p k="" q="" r="" t=""></p>
S906 Primary circuit PC b	PART NO. 25035702 poard (NAPS-784	!	DESCRIPTION
CIRCUIT NO. S906	PART NO. 25035702 Doard (NAPS-784 PART NO.	! 5-1A/1I	DESCRIPTION NPS-121-L665P,Switch <p k="" q="" r="" t=""></p>
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO.	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch <p k="" q="" r="" t=""> B/1C/1D/1E/1F) DESCRIPTION</p>
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO.	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch <p k="" q="" r="" t=""> B/1C/1D/1E/1F) DESCRIPTION NPT-1358D <d></d></p>
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F) DESCRIPTION NPT-1358D < D > NPT-1358P < P/A >
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO.	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch <p k="" q="" r="" t=""> B/1C/1D/1E/1F) DESCRIPTION NPT-1358D <d></d></p>
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F) DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K >
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902	PART NO. 25035702 POOR (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F) DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > RL1N4003 or
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 T902 D921~D924	PART NO. 25035702 POOR (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F) DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163,	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F) DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133,
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 T902 D921~D924	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F) DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 T902 D921~D924	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163,	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F) DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133,
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 T902 D921~D924	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F) DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 T902 D921~D924	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F) DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 T902 D921~D924 D925 C901	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F) DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or WG713A
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 T902 D921~D924 D925 C901 C902	PART NO. 25035702 Poard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors 3500196S 3300030	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F) DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or WG713A RE275V-103M,IS DE1307E472M-KH,IS < O >
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 T902 D921~D924 D925 C901	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors 3500196S 3300030 394662217	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F) DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or WG713A RE275V-103M,IS
CIRCUIT NO. S906 Primary circuit PC to CIRCUIT NO. T902 T902 T902 D921~D924 D925 C901 C902 C922	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors 3500196S 3300030 394662217 Resistors	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or WG713A RE275V-103M,IS DE1307E472M-KH,IS < O > CE04W35V-220M(VR),Elect.
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 T902 D921~D924 D925 C901 C902	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors 3500196S 3300030 394662217 Resistors 4000206 or	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or WG713A RE275V-103M,IS DE1307E472M-KH,IS < O > CE04W35V-220M(VR),Elect. RD1/2SPH-3.3M or
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 D921~D924 D925 C901 C902 C922 R901	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors 3500196S 3300030 394662217 Resistors 4000206 or 431533355	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or WG713A RE275V-103M,IS DE1307E472M-KH,IS < O > CE04W35V-220M(VR),Elect. RD1/2SPH-3.3M or RC1/2GFKUL-3.3M, Solid < D >
CIRCUIT NO. S906 Primary circuit PC to CIRCUIT NO. T902 T902 T902 D921~D924 D925 C901 C902 C922	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors 3500196S 3300030 394662217 Resistors 4000206 or 431533355 443528204	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or WG713A RE275V-103M,IS DE1307E472M-KH,IS < O > CE04W35V-220M(VR),Elect. RD1/2SPH-3.3M or
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 D921~D924 D925 C901 C902 C922 R901 R924	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors 3500196S 3300030 394662217 Resistors 4000206 or 431533355 443528204 Relay	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or WG713A RE275V-103M,IS DE1307E472M-KH,IS < O > CE04W35V-220M(VR),Elect. RD1/2SPH-3.3M or RC1/2GFKUL-3.3M, Solid < D > RS1/2WBJ-82,Metal oxide
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 D921~D924 D925 C901 C902 C922 R901	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors 3500196S 3300030 394662217 Resistors 4000206 or 431533355 443528204 Relay 25065561,	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or WG713A RE275V-103M,IS DE1307E472M-KH,IS < O > CE04W35V-220M(VR),Elect. RD1/2SPH-3.3M or RC1/2GFKUL-3.3M, Solid < D > RS1/2WBJ-82,Metal oxide NRL-1P5A-DC12-127,
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 D921~D924 D925 C901 C902 C922 R901 R924	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors 3500196S 3300030 394662217 Resistors 4000206 or 431533355 443528204 Relay 25065561, 25065508,	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or WG713A RE275V-103M,IS DE1307E472M-KH,IS < O > CE04W35V-220M(VR),Elect. RD1/2SPH-3.3M or RC1/2GFKUL-3.3M, Solid < D > RS1/2WBJ-82,Metal oxide NRL-1P5A-DC12-127, NRL-1P10A-DC12-093,
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 D921~D924 D925 C901 C902 C922 R901 R924	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors 3500196S 3300030 394662217 Resistors 4000206 or 431533355 443528204 Relay 25065561,	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or WG713A RE275V-103M,IS DE1307E472M-KH,IS < O > CE04W35V-220M(VR),Elect. RD1/2SPH-3.3M or RC1/2GFKUL-3.3M, Solid < D > RS1/2WBJ-82,Metal oxide NRL-1P5A-DC12-127, NRL-1P10A-DC12-093, NRL-1P5A-DC12-096 or
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 D921~D924 D925 C901 C902 C922 R901 R924	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors 3500196S 3300030 394662217 Resistors 4000206 or 431533355 443528204 Relay 25065561, 25065508,	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or WG713A RE275V-103M,IS DE1307E472M-KH,IS < O > CE04W35V-220M(VR),Elect. RD1/2SPH-3.3M or RC1/2GFKUL-3.3M, Solid < D > RS1/2WBJ-82,Metal oxide NRL-1P5A-DC12-127, NRL-1P10A-DC12-093,
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 D921~D924 D925 C901 C902 C922 R901 R924	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors 3500196S 3300030 394662217 Resistors 4000206 or 431533355 443528204 Relay 25065561, 25065508, 25065515 or	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or WG713A RE275V-103M,IS DE1307E472M-KH,IS < O > CE04W35V-220M(VR),Elect. RD1/2SPH-3.3M or RC1/2GFKUL-3.3M, Solid < D > RS1/2WBJ-82,Metal oxide NRL-1P5A-DC12-127, NRL-1P10A-DC12-093, NRL-1P5A-DC12-096 or
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 D921~D924 D925 C901 C902 C922 R901 R924	PART NO. 25035702 Doard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors 3500196S 3300030 394662217 Resistors 4000206 or 431533355 443528204 Relay 25065561, 25065508, 25065515 or 25065526	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or WG713A RE275V-103M,IS DE1307E472M-KH,IS < O > CE04W35V-220M(VR),Elect. RD1/2SPH-3.3M or RC1/2GFKUL-3.3M, Solid < D > RS1/2WBJ-82,Metal oxide NRL-1P5A-DC12-127, NRL-1P10A-DC12-093, NRL-1P5A-DC12-096 or
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 D921~D924 D925 C901 C902 C922 R901 R924 RL901	PART NO. 25035702 Poard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors 3500196S 3300030 394662217 Resistors 4000206 or 431533355 443528204 Relay 25065561, 25065508, 25065515 or 25065526 Switch 25065437	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or WG713A RE275V-103M,IS DE1307E472M-KH,IS < O > CE04W35V-220M(VR),Elect. RD1/2SPH-3.3M or RC1/2GFKUL-3.3M, Solid < D > RS1/2WBJ-82,Metal oxide NRL-1P5A-DC12-127, NRL-1P5A-DC12-096 or NRL-1P5A-DC12-102 NRL-1P5A-DC12-102
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 D921~D924 D925 C901 C902 C922 R901 R924 RL901	PART NO. 25035702 Poard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors 3500196S 3300030 394662217 Resistors 4000206 or 431533355 443528204 Relay 25065561, 25065508, 25065515 or 25065526 Switch 25065437 Fuse holders	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or WG713A RE275V-103M,IS DE1307E472M-KH,IS < O > CE04W35V-220M(VR),Elect. RD1/2SPH-3.3M or RC1/2GFKUL-3.3M, Solid < D > RS1/2WBJ-82,Metal oxide NRL-1P5A-DC12-127, NRL-1P10A-DC12-093, NRL-1P5A-DC12-102 NSS-22157P,Voltage < T/R/Q >
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 D921~D924 D925 C901 C902 C922 R901 R924 RL901 S902 F901A,F901B	PART NO. 25035702 Poard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors 3500196S 3300030 394662217 Resistors 4000206 or 431533355 443528204 Relay 25065561, 25065515 or 25065526 Switch 25065437 Fuse holders 25052133	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or WG713A RE275V-103M,IS DE1307E472M-KH,IS < O > CE04W35V-220M(VR),Elect. RD1/2SPH-3.3M or RC1/2GFKUL-3.3M, Solid < D > RS1/2WBJ-82,Metal oxide NRL-1P5A-DC12-127, NRL-1P10A-DC12-093, NRL-1P5A-DC12-102 NSS-22157P,Voltage < T/R/Q > NSCT-1P2031 < D/T/R/Q >
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 D921~D924 D925 C901 C902 C922 R901 R924 RL901 S902 F901A,F901B F902A,F902B	PART NO. 25035702 Poard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors 3500196S 3300030 394662217 Resistors 4000206 or 431533355 443528204 Relay 25065561, 25065565 25065515 or 25065526 Switch 25065437 Fuse holders 25052133 25052133	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F) DESCRIPTION NPT-1358D < D > NPT-1358D < P/A > NPT-1358D < T/R/Q/K > NPT-1358D < T/R/Q/K > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133,
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 D921~D924 D925 C901 C902 C922 R901 R924 RL901 S902 F901A,F901B	PART NO. 25035702 Poard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors 3500196S 3300030 394662217 Resistors 4000206 or 431533355 443528204 Relay 25065561, 25065515 or 25065526 Switch 25065437 Fuse holders 25052133	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F DESCRIPTION NPT-1358D < D > NPT-1358P < P/A > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133, 1SS270A or WG713A RE275V-103M,IS DE1307E472M-KH,IS < O > CE04W35V-220M(VR),Elect. RD1/2SPH-3.3M or RC1/2GFKUL-3.3M, Solid < D > RS1/2WBJ-82,Metal oxide NRL-1P5A-DC12-127, NRL-1P10A-DC12-093, NRL-1P5A-DC12-102 NSS-22157P,Voltage < T/R/Q > NSCT-1P2031 < D/T/R/Q >
CIRCUIT NO. S906 Primary circuit PC b CIRCUIT NO. T902 T902 T902 D921~D924 D925 C901 C902 C922 R901 R924 RL901 S902 F901A,F901B F902A,F902B	PART NO. 25035702 Poard (NAPS-784 PART NO. Power transfor 2301381 2301382 2301383 Diodes 22380260 or 22380035 223163, 223205 or 223222 Capacitors 3500196S 3300030 394662217 Resistors 4000206 or 431533355 443528204 Relay 25065561, 25065565 25065515 or 25065526 Switch 25065437 Fuse holders 25052133 25052133	! 5-1A/1I mer	DESCRIPTION NPS-121-L665P,Switch < P/T/R/Q/K > B/1C/1D/1E/1F) DESCRIPTION NPT-1358D < D > NPT-1358D < P/A > NPT-1358D < T/R/Q/K > NPT-1358D < T/R/Q/K > NPT-1358DG < T/R/Q/K > RL1N4003 or GP104003E 1SS133,

CIRCUIT NO.	PART NO.		DESCRIPTION
CIIXCOII IXCI	Sockets		
P902	25051571	!	NSCT-2P1358 <d></d>
P902	25051572	!	NSCT-2P1359 <p q="" t=""></p>
P902	25052115	!	NSCT-2P2013 <a>
P902	25052664	!	NSCT-2P2560 <r></r>
P931A	25051230		NSCT-5P1020
	Plug		
P901A	25055675 or	!	NPLG-2P631 or
	25056028	!	NPLG-2P0978
Secondary terminal	PC board (NAPS	-7846-	
CIRCUIT NO.	PART NO.		DESCRIPTION
JL6951B,JL6952B	25051109		NSCT-5P896,Wire holder
Video circuit PC boa		1A/1B/	
CIRCUIT NO.	PART NO.		DESCRIPTION
0000	ICs		1.47070
Q203	22241759		LA7956
Q212,Q213	22241759		LA7956
Q281	222740046R2		74HCU04F
11004 11000	Photo couplers		TODV4701
U281,U282	24120101	 	TORX179L
Q201,Q202	Transistors 2213631 or	-	RN1241-A or
Q201,Q202 Q207,Q208			RN1241-A 01 RN1241-B
Q207,Q208 Q204,Q209	2213632 2215995 or		KTA1267-GR or
Q204,Q209	2213354		2SA933S-R
Q205,Q206	2215770 or		KRA102M or
Q203,Q200	2213510		DTA114ES
Q210,Q211	2213631 or		RN1241-A or
QZ 10,QZ 11	2213632		RN1241-B
	Coils		INVIZ-11-D
L281,L282	233454K220 or		NCH-1452 220K or
2201,2202	233526K220		NCH-1561 220K
L283	233454M022 or		NCH-1452 022M or
	233526K022		NCH-1561 022K
	Capacitors		
C201,C202	394680227 or		CE04W50V-2.2M(VR) or
C204,C207	394780227		CE04W50V2.2M(SC),Elect.
C203,C205	394644717 or		CE04W16V-470M(VR) or
C211,C215	394744717		CE04W16V470M(SC),Elect.
C209,C213	394680227 or		CE04W50V-2.2M(VR) or
C217,C218	394780227		CE04W50V2.2M(SC),Elect.
C221,C223	394644707 or		CE04W16V-47M(VR) or
C225	394744707		CE04W16V47M(SC),Elect.
C285	394624707 or		CE04W6.3V-47M(VR) or
	394624707		CE04W6.3V-47M(VR),Elect.
	Terminals		
P201	25045729		NPJ-10PDBY517
P202	25045727		NPJ-15PDBY515
P281	25045473		NPJ-1PDBL291
P282	25045696		LGY2502-0200C
	Socket		
P206B	25051240		NSCT-15P1030
	Plug		
P253A	25055236		NPLG-5P220
	1	70 15	
Thermal detector PC		7849-1.	
CIRCUIT NO.	PART NO.		DESCRIPTION DESCRIPTION
R6380	4000153	 	PTH9M04BF222TS2F333,Thermistor
JL6402B	25051087	 	NSCT-3P874,Socket
R6381	4000150	 	PTH9M04BC222TS2F333,Thermistor <o></o>
<d>:120V model only</d>	,	 	NOTE: THE COMPONENTS IDENTIFIED BY MARK !
<p>:European model</p>		 	ARE CRITICAL FOR RISK OF FIRE AND
<t>:Worldwide mode</t>		-	ELECTRIC SHOCK. REPLACE ONLY WITH
<a>>:worldwide mode <a>>:Australian model		-	PART NUMBER SPECIFIED.
<r>:Chinese model of</r>		 	I AIX I NOWIDLIX OF LOIFIED.
<k>:Korean model or</k>		 	CAUTION: Replacement for transistor of mark *, if necessar
<q>:Hong Kong mod</q>		 	must be made from the same beta group (hFE) as
<0>:Except 120V mo		 	the original type.
.5 L. 120 V 1110	~~·	ı	the original type.

EVDI OD	ED VIEW D	۸ D	TOLICT
_	ED VIEW-PARENCE	4K	
REF.NO.	PART NO.		DESCRIPTION Description Description
1	27111268		Front bracket
	27111269		Front bracket <s></s>
2	27111270		Front bracket <g></g>
3	838130088		3TTB+8B,Self-tapping screw
4	82143010		3P+10FN(BC),Pan head screw
4	28325497A 28325499A		Knob,power Knob,power <g></g>
	28325547A		Knob,power <s></s>
5	27100416A		Chassis
6	27190503A		KGLS-8RT,Holder
7	27190813		KGPS-10RF,Holder
8	27190428A		KGLS-10RT,Holder
9	830440089		4TTC+8C(BC),Self-tapping screw
10	880009		NRP-345, Plastic rivet
11	27300750	!	Cord, bushing
12	27160527		Heatsink
13	801606		3SMH10W.SW+15B(CU),Special screw
16	28184831		Top cover
	28184856		Top cover <s></s>
	28184857		Top cover <g></g>
17	838430088		3TTB+8B(BC),Self-tapping screw
	838930088		3TTB+8B(UN),Self-tapping screw <s g=""></s>
18	29363194		Label,hookup <d></d>
21	27175319B		Leg
22	28141494		Cushion
23	838130088		3TTB+8B,Self-tapping screw
24	28325641		Knob volume
	28325642		Knob volume <s></s>
	28325643		Knob volume <g></g>
25	28191957		Clear plate
	28191958		Clear plate <g s=""></g>
31	27123068A		Rear panel <d></d>
	27123069A		Rear panel <p></p>
	27123070A		Rear panel <k></k>
	27123071A		Rear panel <t q=""></t>
	27123072A		Rear panel <r></r>
	27123073A		Rear panel <a>
32	27191143		Holder, outlet <r></r>
33	838430088		3TTB+8B(BC),Self-tapping screw
51	27212471		Front panel <d></d>
	27212472		Front panel <s></s>
	27212473		Front panel <p></p>
	27212474		Front panel <s><p></p></s>
	27212475		Front panel
	27212476		Front panel <g></g>
	27212534		Front panel <s><c></c></s>
52	28135244		Badge
	28135245		Badge <s g=""></s>
53	838430088		3TTB+8B(BC),Self-tapping screw
54	29110083		Tape, cloth
55	223024		AC238,Isolated sheet
56	260208		Wire tie
63	29363379-1	Ļ	Label PT
F6901,F6902		!	8A-UL or
	252261	!	8A-T/UL-ST2 <d></d>
5004	252099	!	8A-EAK ,Fuse <o></o>
F901	252166 or	!	6.3A-UL/T-237 or
5000	252260	!	6.3A-T/UL-ST2,Fuse <d q="" r="" t=""></d>
F902	252076,	!	3.15A-SE-EAK,
	252242 or	!	3.15A-SE-TL250V or
5000	252276	!	3.15A-SE-TL250V <o></o>
F903	252075,	!	2.5A-SE-EAK,
	252241 or	!	2.5A-SE-TL250V or
	252275	!	2.5A-SE-TL250V,Fuse <o></o>
P101	2047151512		NCFC7-151512,Flexible cable
P7502	2045102012		NCFC5-102012,Flexible cable

REF.NO. P7503	PART NO.		DESCRIPTION
	2047081012		NCFC7-081012,Flexible cable
P901	253332HIT or	!	AS-UC-2 or
	253333VOL	!	AS-UC-2,Power supply cord <d></d>
	253197HIT	!	AS-SAA,Power supply cord <a>
	253233KAW or	!	AS-CEE-2 or
	253198HIT	!	AS-BS,Power supply cord <q></q>
	253355VOL	!	AS-CCC,Power supply cord <r></r>
	253306VOL	!	AS-CEE-2,Power supply cord <p k="" t=""></p>
P902A	25052665	!	NSCT-2P2561,AC outlet <k></k>
Q6050~Q6055			2SC5198-R,
	2203063,		2SC5198-O,
	2203663,		MN130S-O,
	2203664 or		MN130S-Y or
	2203666		MN130S-P,Transistor
Q6060~Q6065			2SA1941-R,
	2203053,		2SA1941-O,
	2203673,		MP130S-O,
	2203674 or		MP130S-Y or
T004	2203676	-	MP130S-P,Transistor
T901	2301676	<u>!</u>	NPT-1462D,Power transformer <d></d>
	2301677		NPT-1462P, Power transformer < P/A>
1.14	2301678	!	NPT-1462DG,Power transformer <t k="" q="" r=""></t>
U1	1A970521-1A		NADG-7821-1A,DSP circuit PC board ass'y <d></d>
	1A970521-1B		NADG-7821-1B,DSP circuit PC board ass'y <p></p>
	1A970521-1C		NADG-7821-1C,DSP circuit PC board ass'y
112	1A970521-1D		NADG-7821-1D,DSP circuit PC board ass'y <t q="" r=""></t>
U3	1A970503-2A		NADIS-7403-2A, Display circuit PC board ass'y <d></d>
114	1A970503-2B		NADIS-7403-2B, Display circuit PC board ass'y <0>
U4	1A970504-2A 1A970504-2B		NASW-7404-2A,Standby switch PC board ass'y <d> NASW-7404-2B,Standby switch PC board ass'y <o></o></d>
U5			NAETC-7405-2A,Headphone terminal PC board ass'y
US	1A970505-2A 1A970505-2B		NAETC-7405-2A, Headphone terminal PC board ass y
U6	1A970505-2B		NAETC-7406-2A,Front video PC board ass'y <d></d>
00	1A970506-2A		NAETC-7400-2A; Front video PC board assy <0>
U9	1A970530-2B		NAAF-7830-1A,Driver circuit PC board ass'y <d></d>
00	1A970530-1B		NAAF-7830-1B,Driver circuit PC board ass'y <0>
U10	1A970531-1A		NAVD-7831-1A,Component video PC board ass'y <d></d>
010	1A970531-1B		NAVD-7831-1B,Component video PC board ass'y <0>
U12	1A970533-1A		NAETC-7833-1A,Const. Voltage circuit PC board ass'y
	1A970533-1B		NAETC-7833-1B,Const. Voltage circuit PC board ass'y
U13	1A970534-1A		NAPS-7834-1A,Secondary circuit PC board ass'y <d></d>
	1A970534-1B		NAPS-7834-1B,Secondary circuit PC board ass'y <0>
U14	1A970535-1A		NAETC-7835-1A,Speaker terminal PC board ass'y <d></d>
	1A970535-1B		NAETC-7835-1B,Speaker terminal PC board ass'y <o></o>
U15	1A970536-1A		NAETC-7836-1A,Ground terminal PC board ass'y <d></d>
	1A970536-1B		NAETC-7836-1B,Ground terminal PC board ass'y <o></o>
U17	1A970538-1A		NAETC-7838-1A,Connector PC board ass'y <d></d>
	1A970538-1B		NAETC-7838-1B,Connector PC board ass'y <o></o>
U21	1A970542-1A		NAAF-7842-1A,Power amplifier PC board ass'y <d></d>
	1A970542-1B		NAAF-7842-1B,Power amplifier PC board ass'y <p></p>
	1A970542-1C		NAAF-7842-1C,Power amplifier PC board ass'y <a>
	1A970542-1D		NAAF-7842-1D,Power amplifier PC board ass'y <r></r>
	1A970542-1E		NAAF-7842-1E,Power amplifier PC board ass'y <t q=""></t>
	1A970542-1F		NAAF-7842-1F,Power amplifier PC board ass'y <k></k>
U22	1A970543-1B		NASW-7843-1B,Power switch PC board ass'y <p></p>
	1A970543-1D		NASW-7843-1D,Power switch PC board ass'y <r></r>
	1A970543-1E		NASW-7843-1E,Power switch PC board ass'y <t q=""></t>
	1A970543-1F		NASW-7843-1F,Power switch PC board ass'y <k></k>
U23	1A970544-1A		NAPS-7844-1A,Transformer terminal PC board ass'y <d></d>
	1A970544-1B		NAPS-7844-1B,Transformer terminal PC board ass'y <p></p>
	1A970544-1C		NAPS-7844-1C,Transformer terminal PC board ass'y <a>
	1A970544-1D		NAPS-7844-1D, Transformer terminal PC board ass'y <r></r>
	1A970544-1E		NAPS-7844-1E,Transformer terminal PC board ass'y
	4 4 0 7 0 5 4 4 4 5		NAPS-7844-1F, Transformer terminal PC board ass'y <k></k>
	1A970544-1F		Total Crott in transformer terminal in a board doory store
	1A970544-1F		TWI O TOTT IT, TRANSFORMER ROTTING TO BOOK A 400 Y STO
	1A970544-1F		TWW C 7011 II , ITANOIOM COMMAN TO BOARD 200 Y STO

REF.NO.	PART NO.	DESCRIPTION
U24	1A970545-1A	NAPS-7845-1A,Primary circuit PC board ass'y <d></d>
	1A970545-1B	NAPS-7845-1B,Primary circuit PC board ass'y <p></p>
	1A970545-1C	NAPS-7845-1C,Primary circuit PC board ass'y <a>
	1A970545-1D	NAPS-7845-1D,Primary circuit PC board ass'y <r></r>
	1A970545-1E	NAPS-7845-1E, Primary circuit PC board ass'y <t q=""></t>
	1A970545-1F	NAPS-7845-1F,Primary circuit PC board ass'y <k></k>
U25	1A970546-1A	NAPS-7846-1A, Secondary terminal PC board ass'y <d></d>
	1A970546-1B	NAPS-7846-1B, Secondary terminal PC board ass'y <p></p>
	1A970546-1C	NAPS-7846-1C, Secondary terminal PC board ass'y <a>
	1A970546-1D	NAPS-7846-1D, Secondary terminal PC board ass'y <r></r>
	1A970546-1E	NAPS-7846-1E, Secondary terminal PC board ass'y <t q=""></t>
	1A970546-1F	NAPS-7846-1F,Secondary terminal PC board ass'y <k></k>
U26	1A970547-1A	NAVD-7847-1A, Video circuit PC board ass'y <d></d>
	1A970547-1B	NAVD-7847-1B, Video circuit PC board ass'y <p></p>
	1A970547-1C	NAVD-7847-1C, Video circuit PC board ass'y <a>
	1A970547-1D	NAVD-7847-1D, Video circuit PC board ass'y <r></r>
	1A970547-1E	NAVD-7847-1E, Video circuit PC board ass'y <t q=""></t>
	1A970547-1F	NAVD-7847-1F, Video circuit PC board ass'y <k></k>
U28	1A970549-1A	NAETC-7849-1A,Thermal det. PC board ass'y <d></d>
-	1A970549-1B	NAETC-7849-1B,Thermal det. PC board ass'y <p></p>
	1A970549-1C	NAETC-7849-1C,Thermal det. PC board ass'y <a>
	1A970549-1D	NAETC-7849-1D, Thermal det. PC board ass'y <r></r>
	1A970549-1E	NAETC-7849-1E,Thermal det. PC board ass'y <t q=""></t>
	1A970549-1E	NAETC-7849-1F, Thermal det. PC board ass'y <k></k>
U30	1A970549-11	NAETC-7649-11, Memial det. 1 C board ass y <k></k>
U31	240146,	FAE385-A02F.
031	240134A or	TFCE1U114B or
	240134A 01	ENG06501QR,Tuner unit <d></d>
	240136A	FAE485-E02F.
	240147, 240135 or	TFCE1E512A or
	240139A	ENG07501QR,Tuner unit <o></o>
		NOTE: THE COMPONENTS IDENTIFIED BY MARK !
		ARE CRITICAL FOR RISK OF FIRE AND
		ELECTRIC SHOCK. REPLACE ONLY WITH
		PART NUMBER SPECIFIED.
		CALITION, Depleasment for transister of mark * if passess
		CAUTION: Replacement for transistor of mark *, if necessary must be made from the same beta group (h FE)
		<u> </u>
		the original type.
		D. Diade madel and
		:Black model only
		<s>:Silver model only</s>
		<g>:Golden mpdel only</g>
		<d>:120V model only</d>
		<p>:European model only</p>
		<t>:Worldwide model only</t>
		<a>:Australian model only
		<r>:Chinese model only</r>
		<c>:Canadian model only</c>
		<k>:Korean model only</k>
		<q>:Hongkong model only</q>
		<o>:Except 120V model</o>
	+	
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PACKIN	IG-PARTS LIS	П
REF.NO.	PART NO.	DESCRIPTION
71	29092044	Pad
72	29100034-1A	850*650,Polybag
73	29110149	Tape, cellophane
74	29110148	PP tape
75	29100201	350*200*W250,Polybag
76	29054007	Carton box <d></d>
	29054008	Carton box
	29054009	Carton box <p></p>
	29054010	Carton box <s> <p></p></s>
	29054011	Carton box <g></g>
	29054012	Carton box
77	29363320	Label EAN <p></p>
	29363321	Label EAN <s> <p></p></s>
	29363322	Label EAN <t a=""></t>
	29363323	Label EAN <s> </s>
	29363324	Label EAN <g></g>
	29363325	Label UPC <d c=""></d>
	29363496	Label UPC <s> <c></c></s>
79	29100097-1A	350*250,Polybag for power cord <o></o>
81	29363059A	Label,cable
83	29343474A	Instruction manual E
84	29343476A	Instruction manual U3GDSW <p></p>
	29343478	Instruction manual U2CTCS <t q="" r=""></t>
85	29343477A	Instruction manual U3FSI <p c=""></p>
86	29343475	Instruction manual, digest <d></d>
87	24140479	RC-479S,Remote controller <o></o>
	24140518	RC-518M,Remote controller <d></d>
88	3010054	R6/AA(UM-3),Two batteries
89	232140	NMA-3057,AM loop antenna
90	292191	FM antenna
91	25065462	YAE21-0237,Antenna adapter <t a="" k="" q="" r=""></t>
92	25056005	CV-K-1,Conversion plug <t></t>
93	29365090A	Warranty card <d></d>
		LPs :Plank model only
	+	:Black model only <s>:Silver model only</s>
	+	<g>:Golden mpdel only <d>:120V model only</d></g>
		<p>:European model only <t>:Worldwide model only</t></p>
		<a>:Australian model only
		<r>:Chinese model only</r>
		<c>:Canadian model only</c>
		<k>:Korean model only</k>
		<q>:Hongkong model only <o>:Except 120V model</o></q>
		COS.Except 1201 model

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